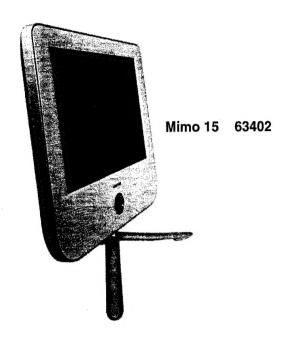
Serviceanleitung.

Service Manual. Manuel de Service. Manuale di Servizio. Instrucciones de servicio. Service-instructies.

L 3010 230-90422.994



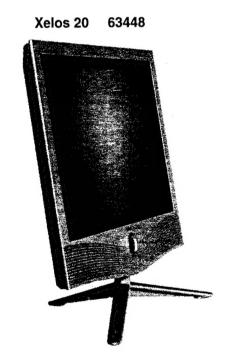
Mimo 15 Art.-N° 63402.x23 Art.-N° 63402.x60

Mimo 20 Art.-N° 63406.x23 Art.-N° 63406.x60

Spheros 20 Art.-N° 63401.x23 Art.-N° 63401.x60

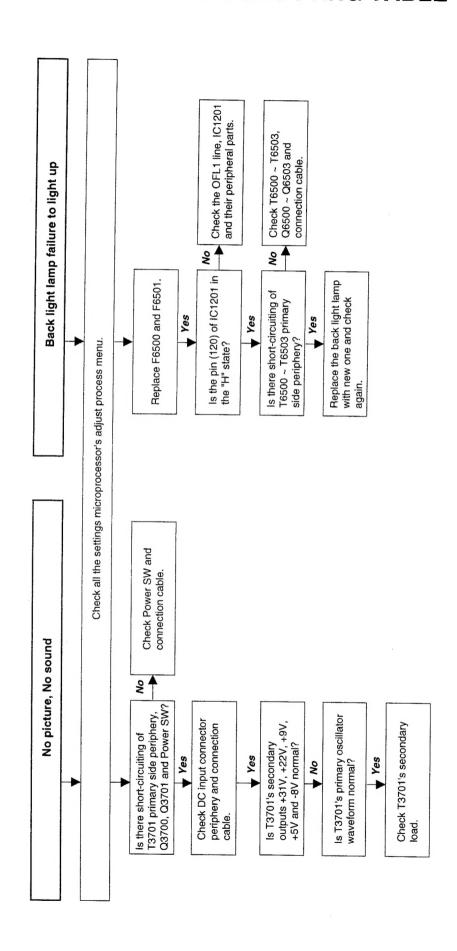
Xelos 20 Art.-N° 63448.x23 Art.-N° 63448.x60 Art.-N° 63448.x70



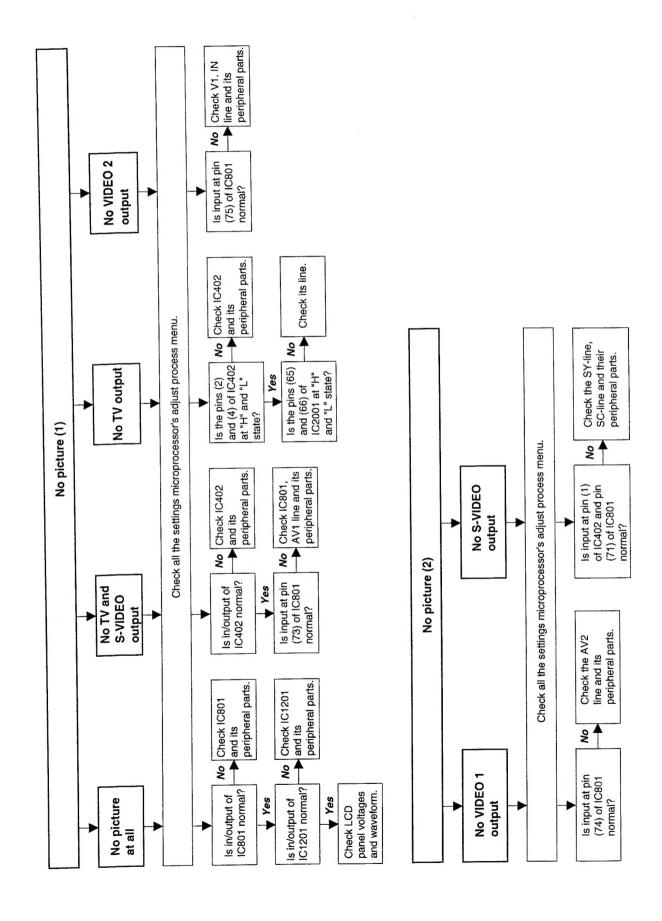


LOEWE.

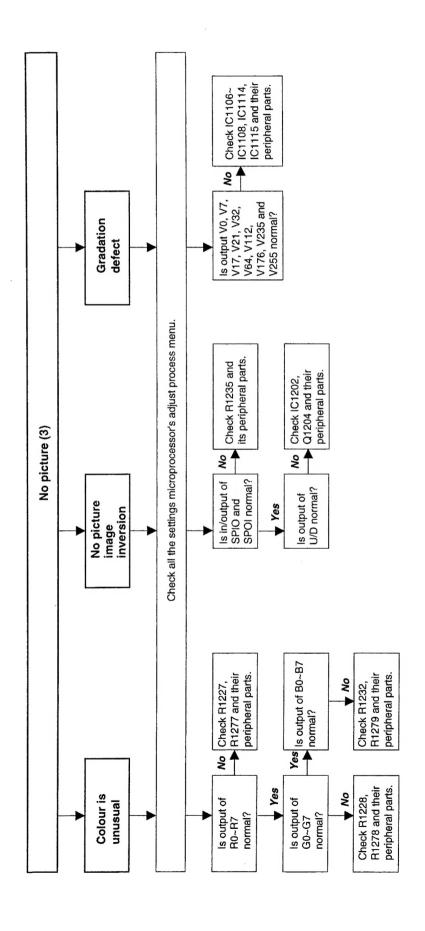
TROUBLE SHOOTING TABLE



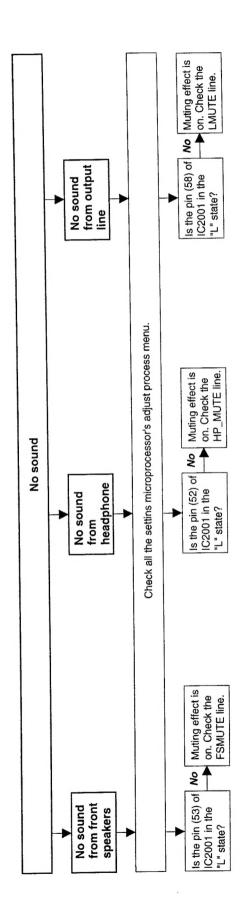
TROUBLE SHOOTING TABLE (Continued)



TROUBLE SHOOTING TABLE (Continued)

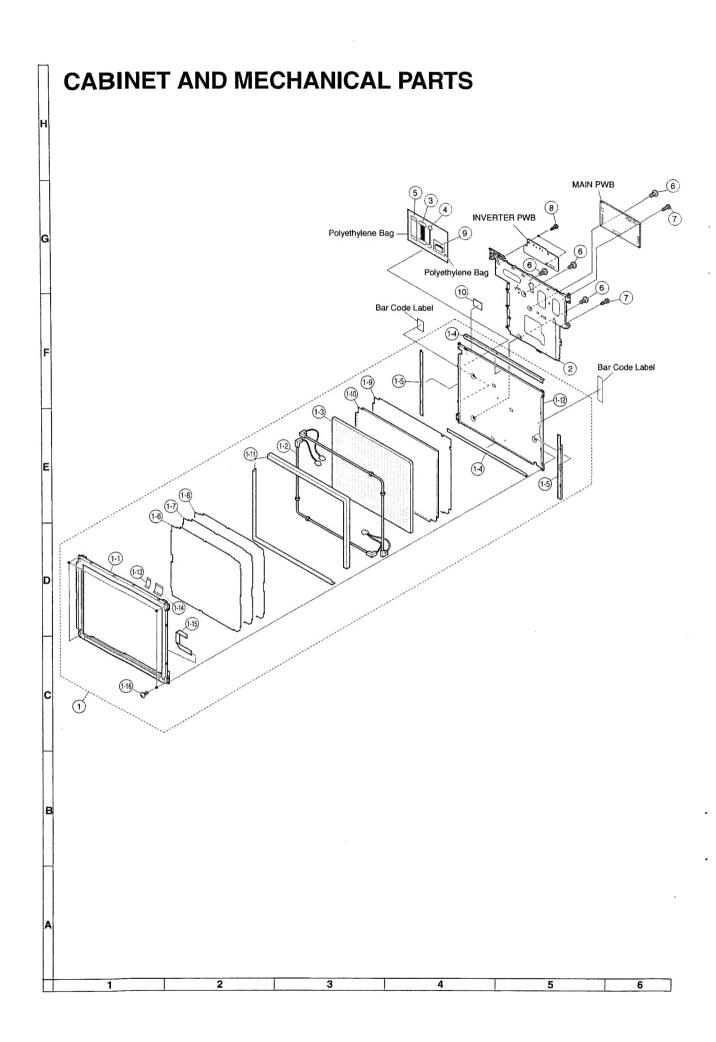


TROUBLE SHOOTING TABLE (Continued)

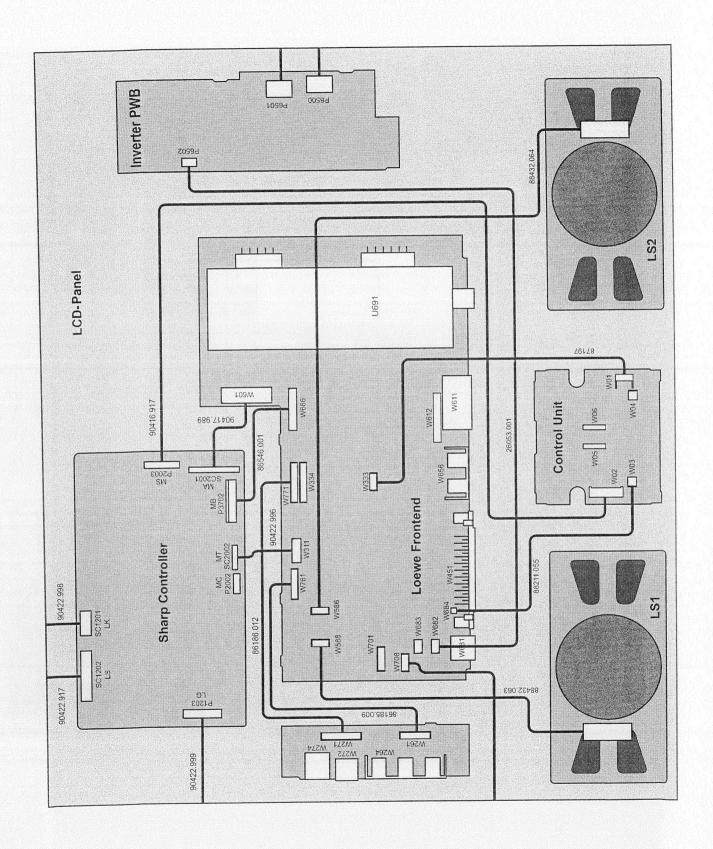


CHASSIS LAYOUT MAIN PWB SC2002 P2002 1C402 P3702 103702 ПС5002 1 С401 IC2001 [] [C751 I C 8 O 1 1C2006 102007 102002 IC1116 IC1201 SC1201 SC1202 **INVERTER PWB** P6500 P6501 T6503 T6500 T6501 T6502 P6502 F6501 В

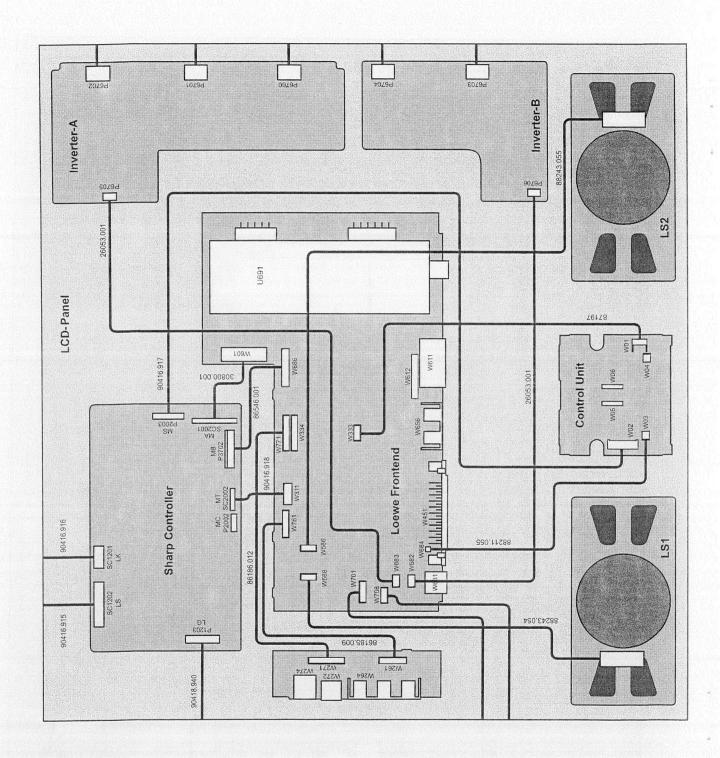
CHASSIS LAYOUT INVERTER-A PWB LP6700 LP6701 P6702 T6704 T6700 T6703 T6701 T6705 T6702 P6705 INVERTER-B PWB T6709 T6707 T6708 T6706 [P6704] [P6703]

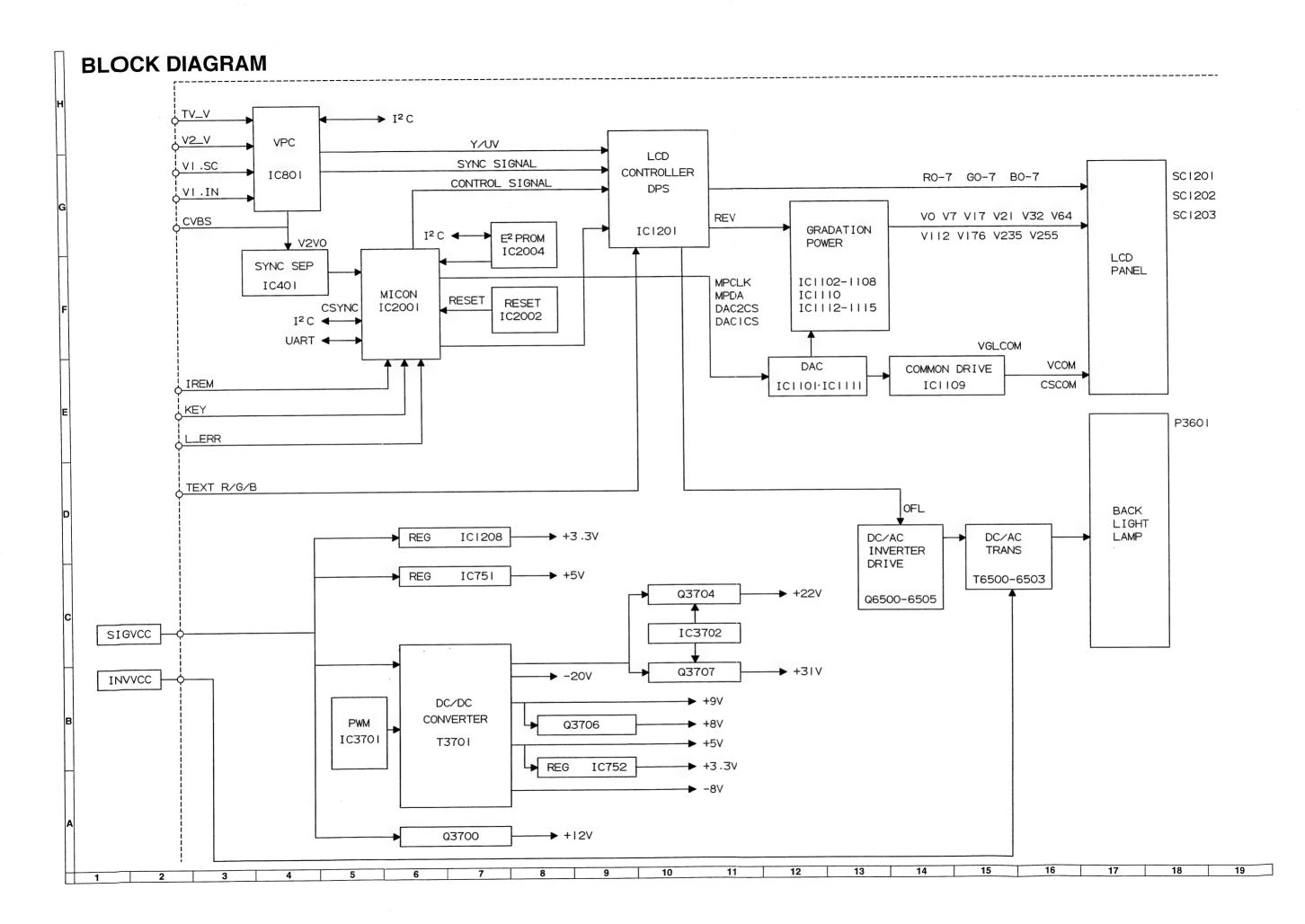


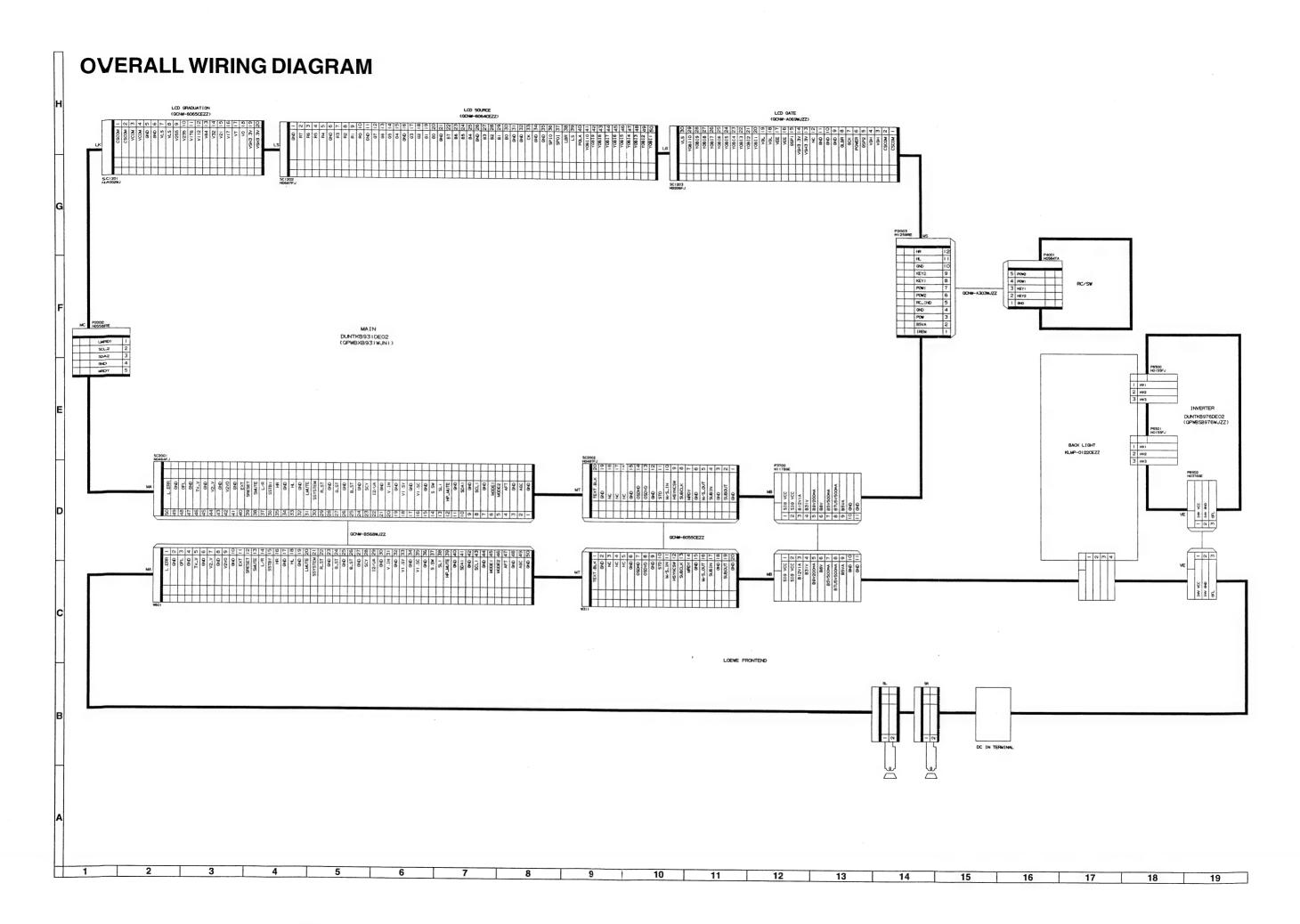
Connection and Cables 15" Kit Spezification

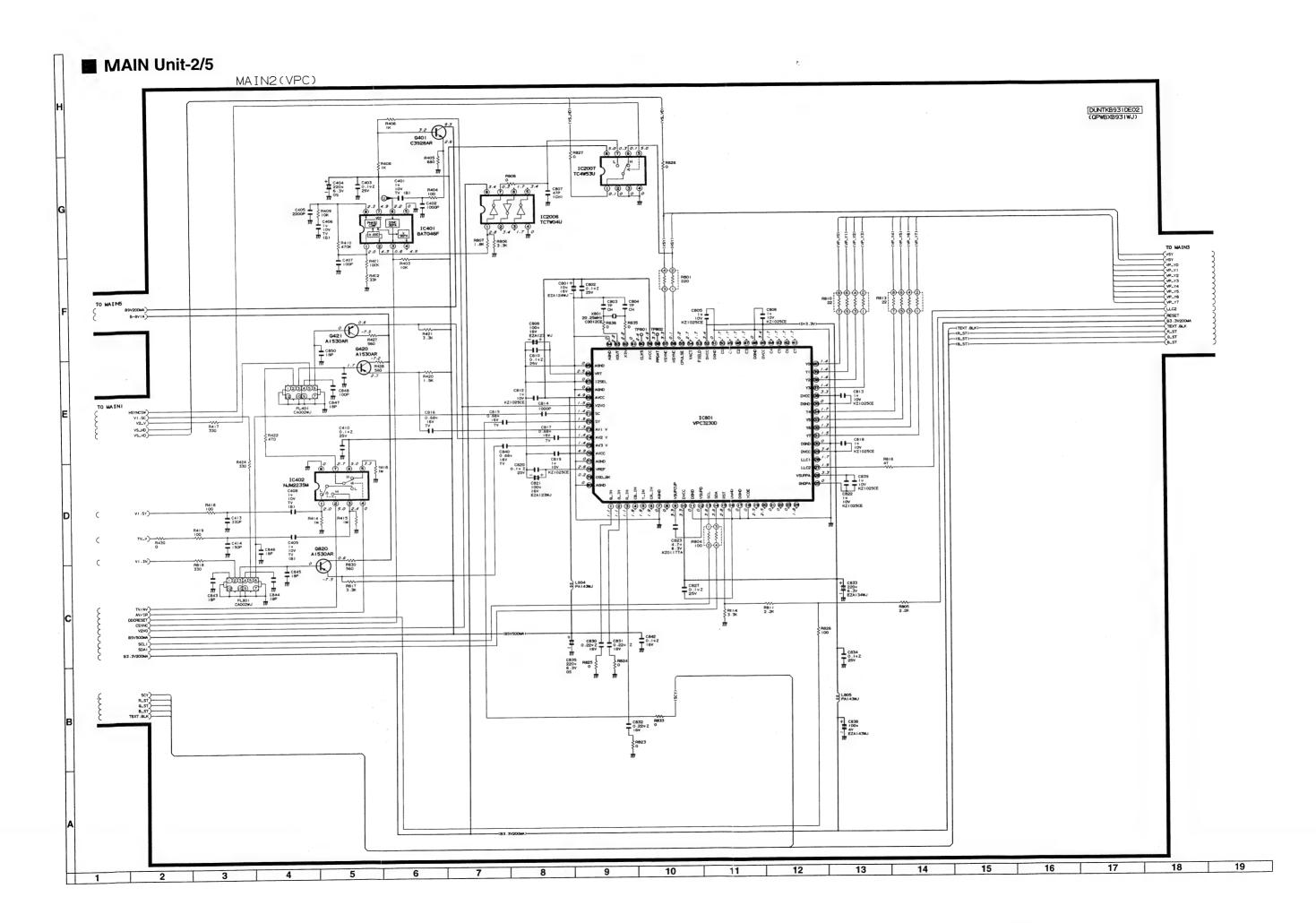


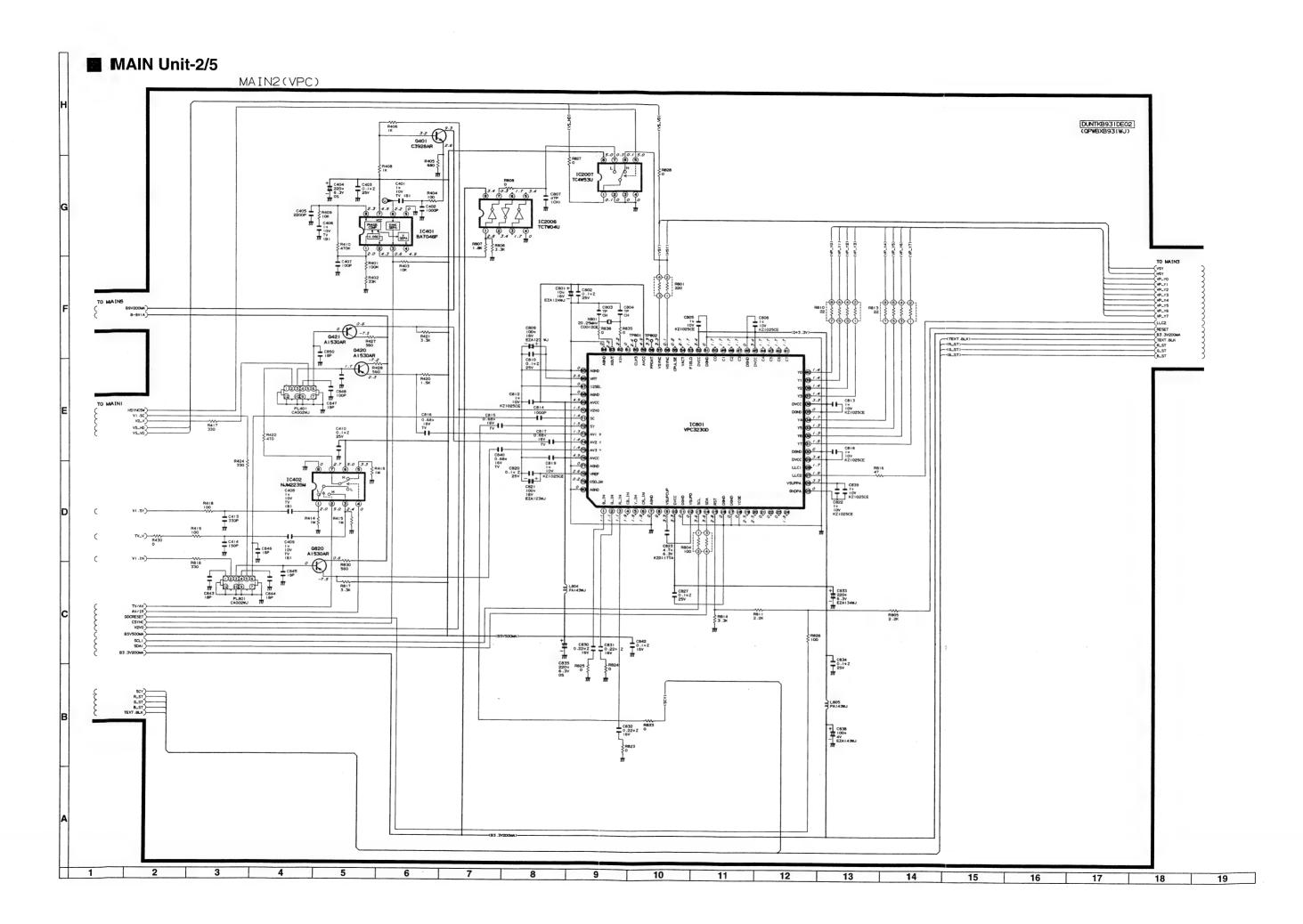
Connection and Cables 20" Kit Spezification

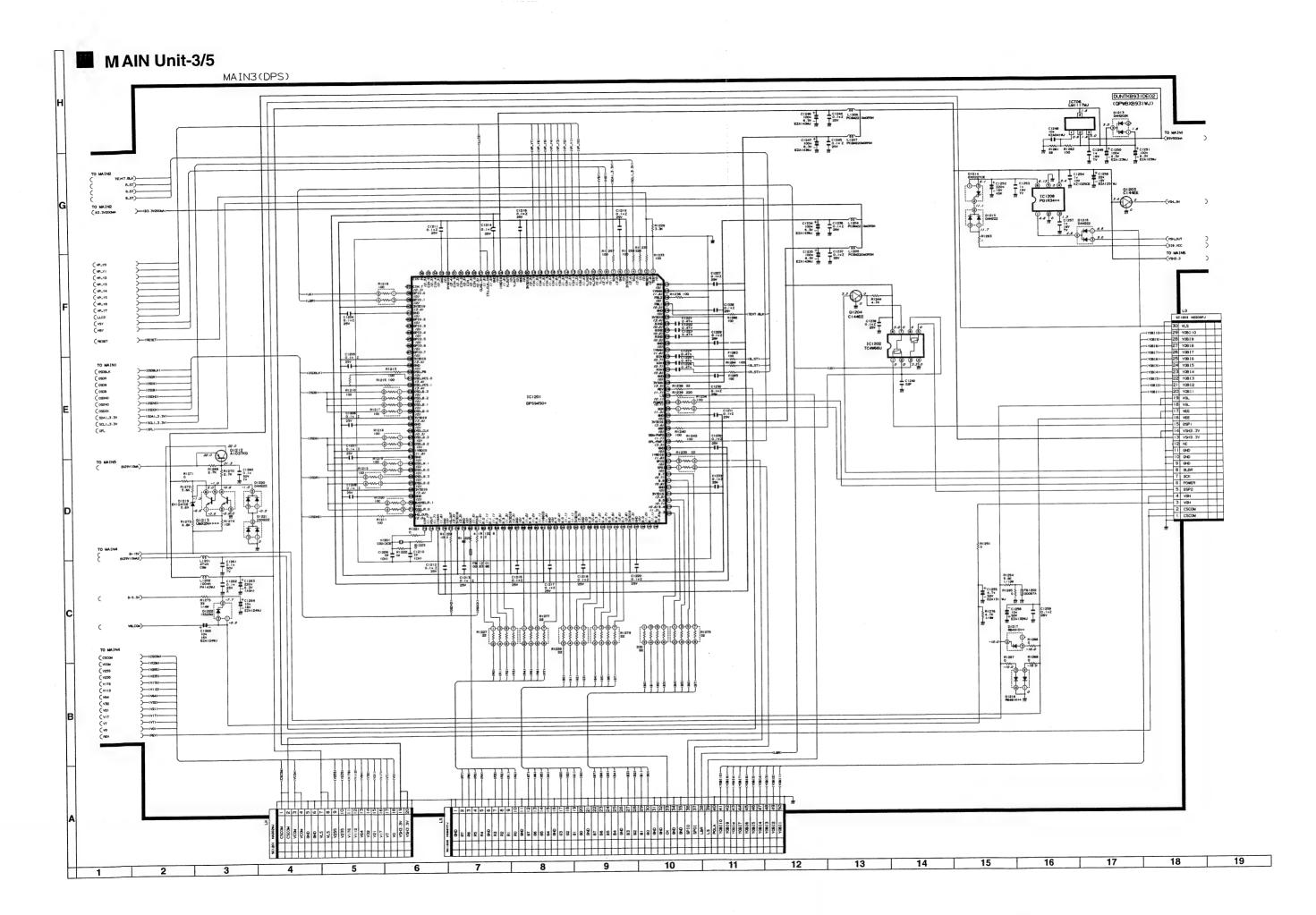


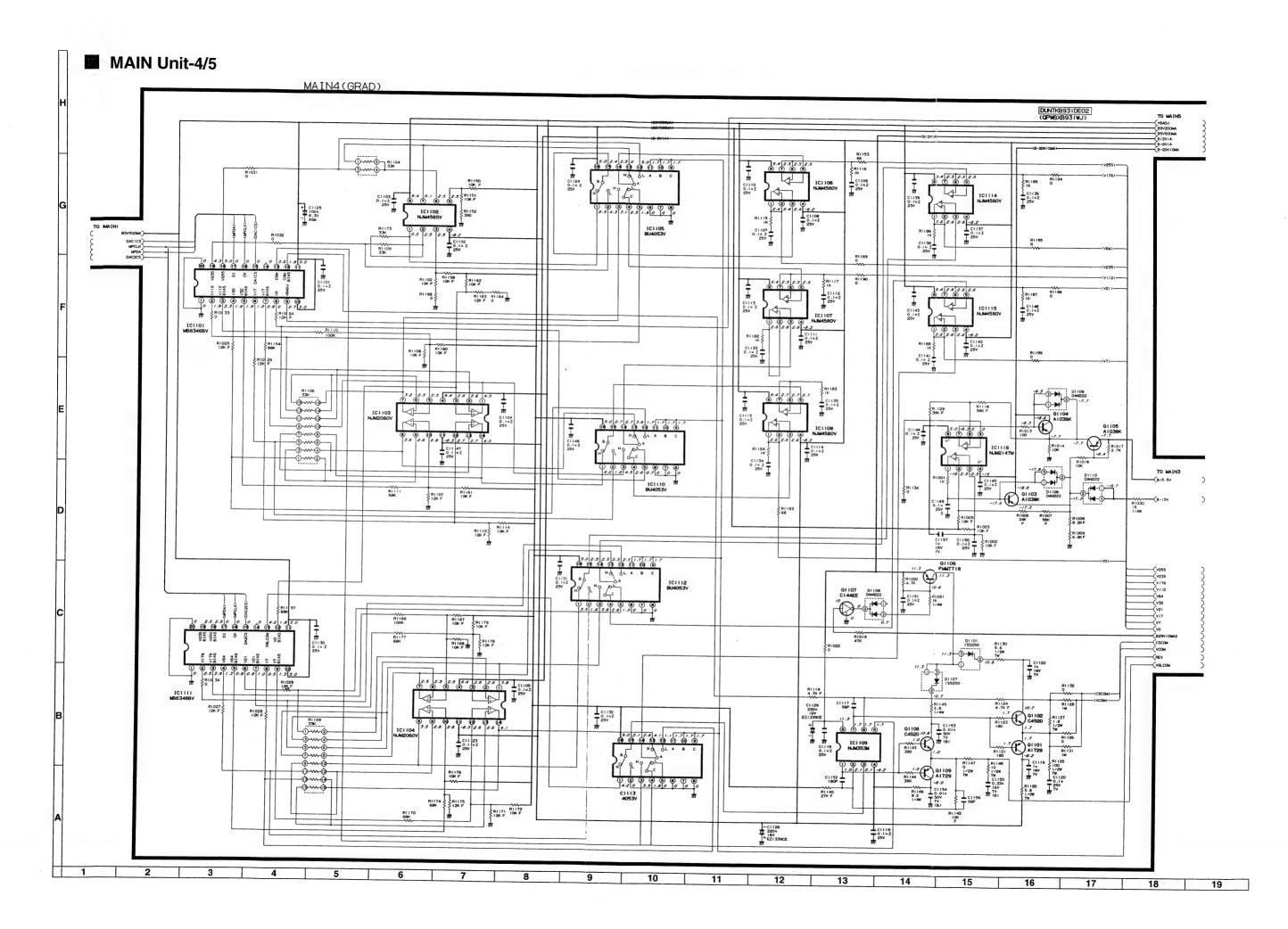


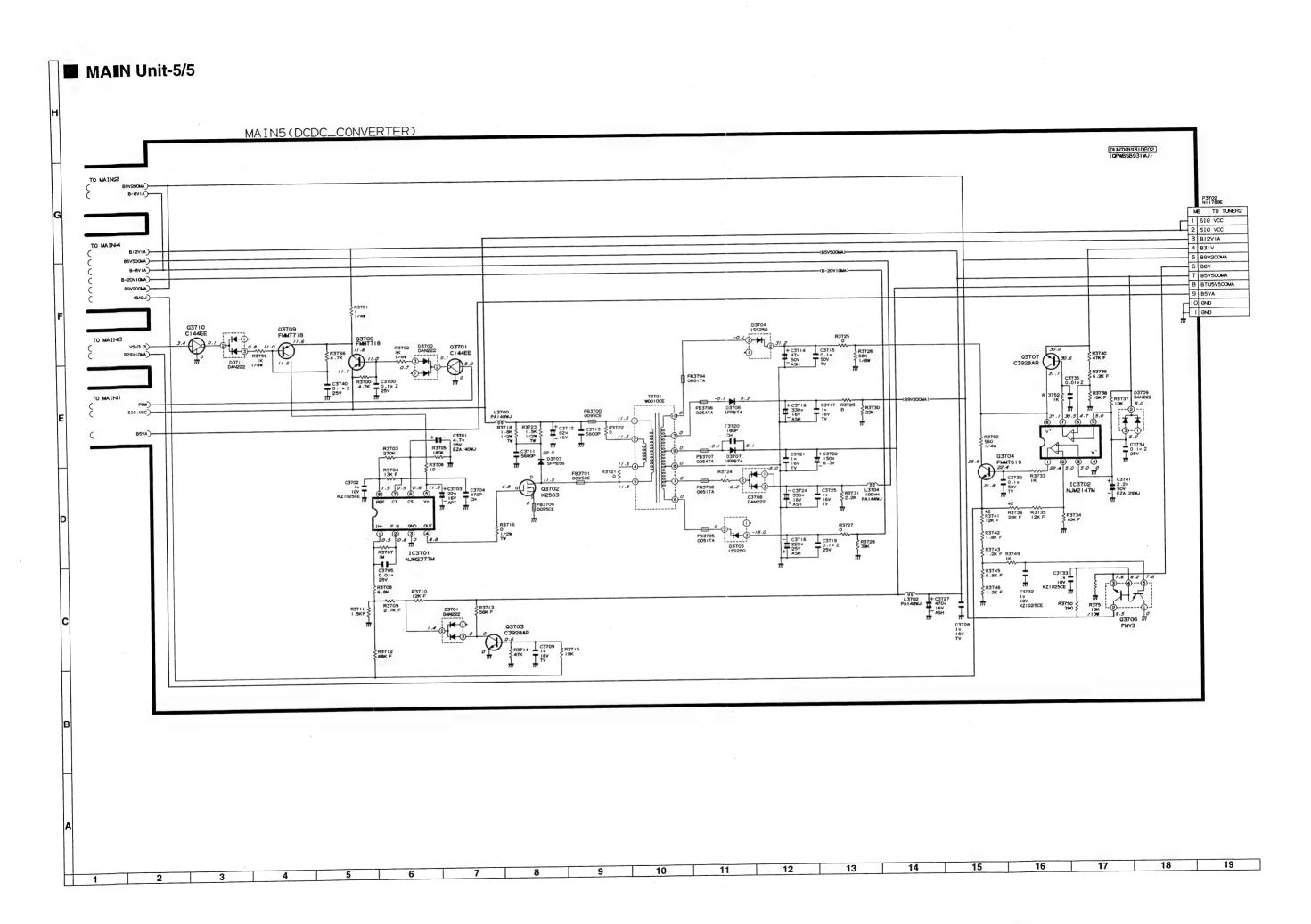


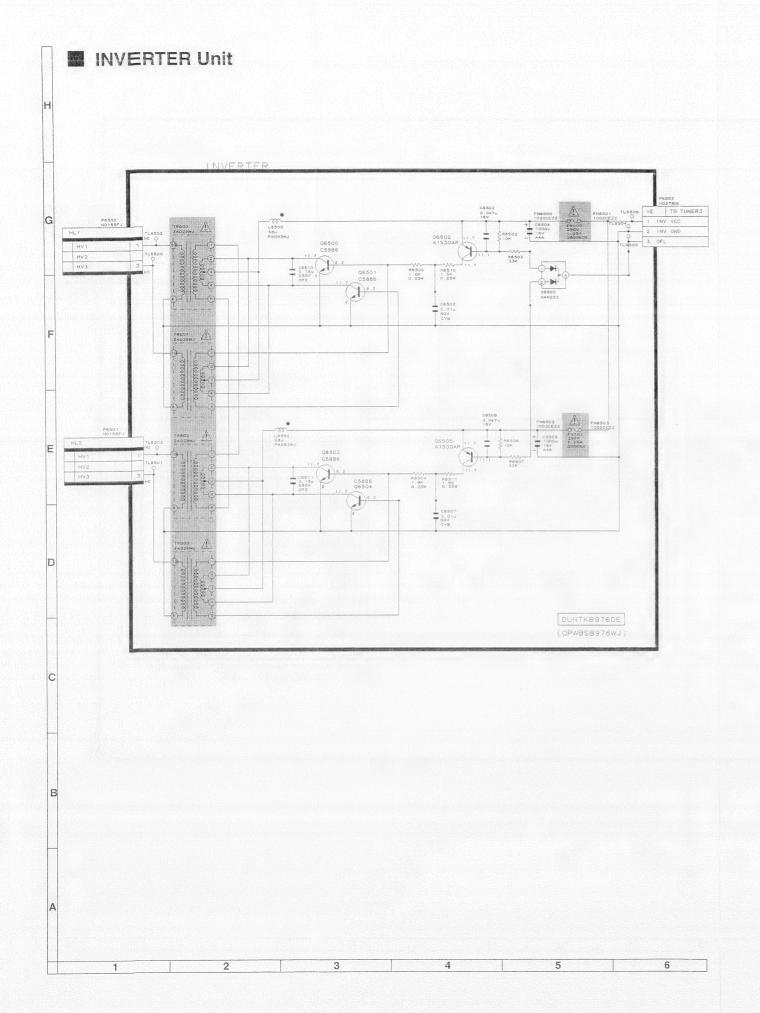


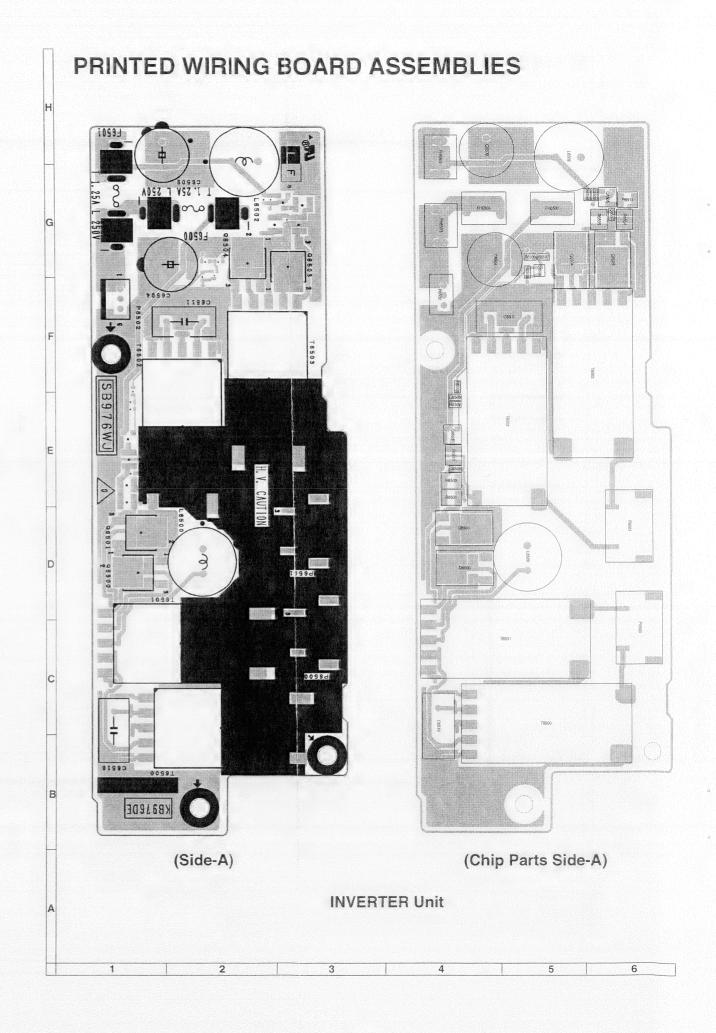


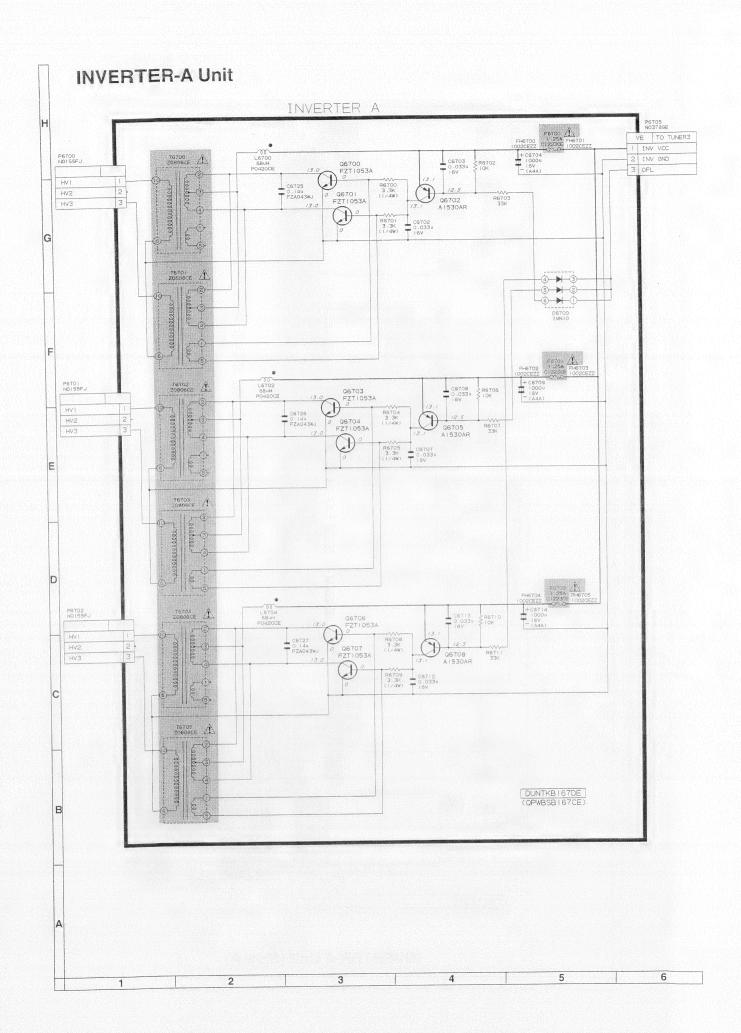


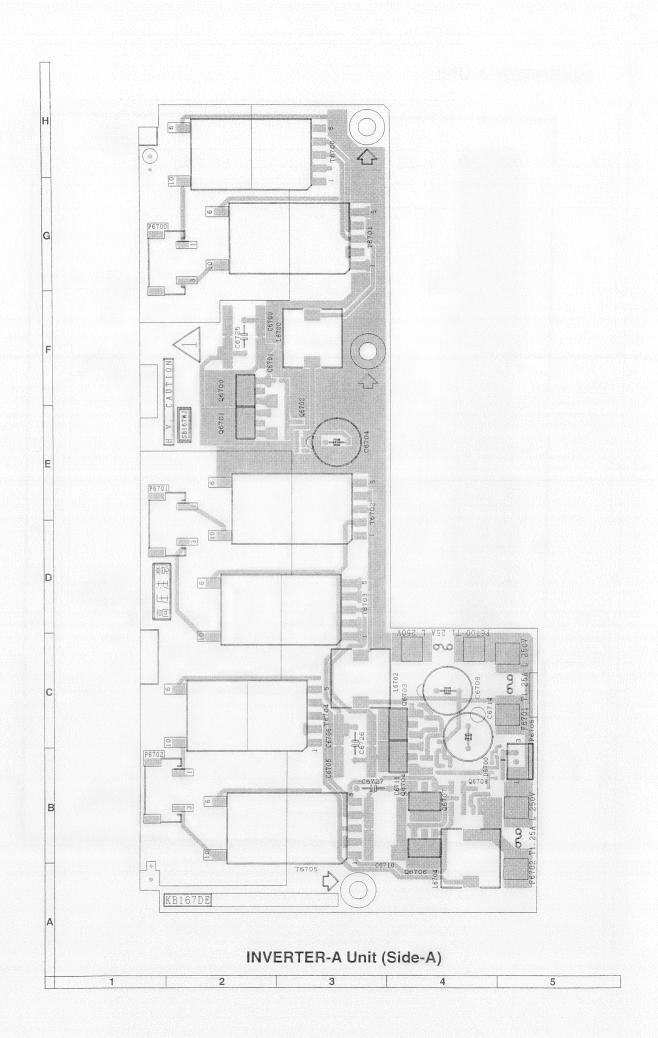


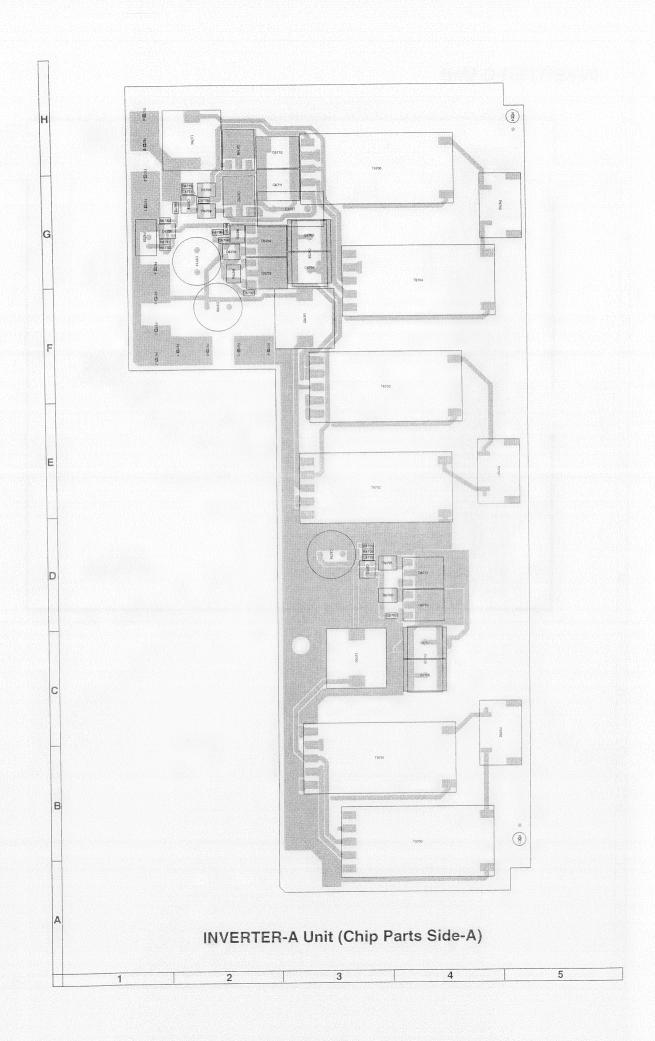


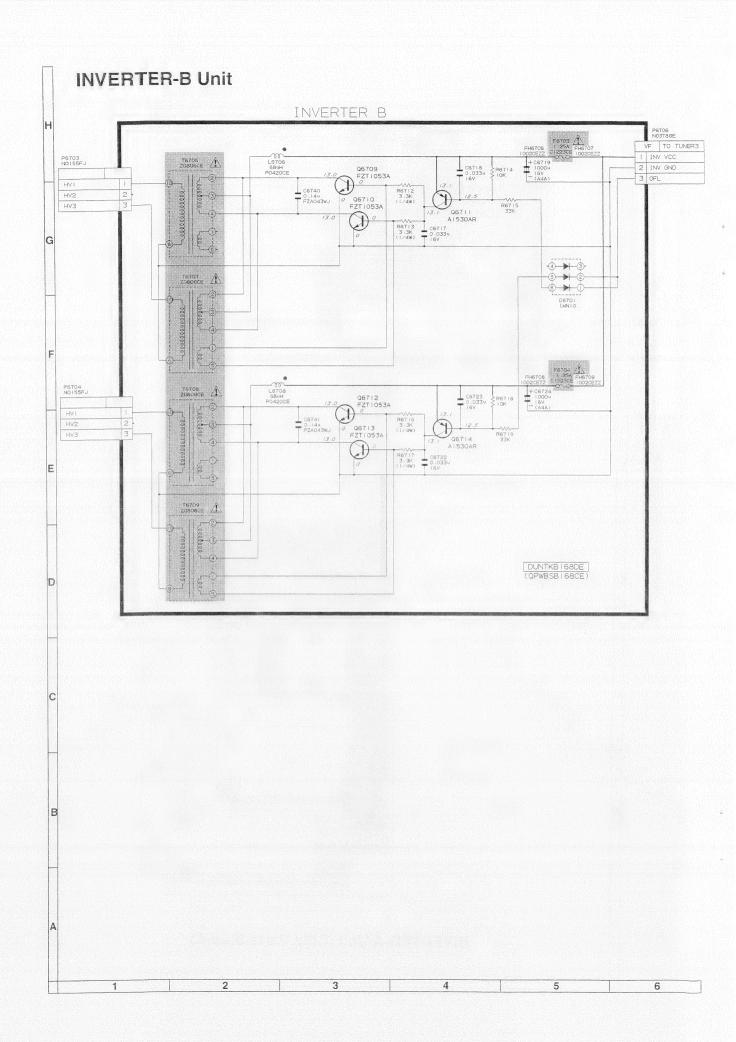


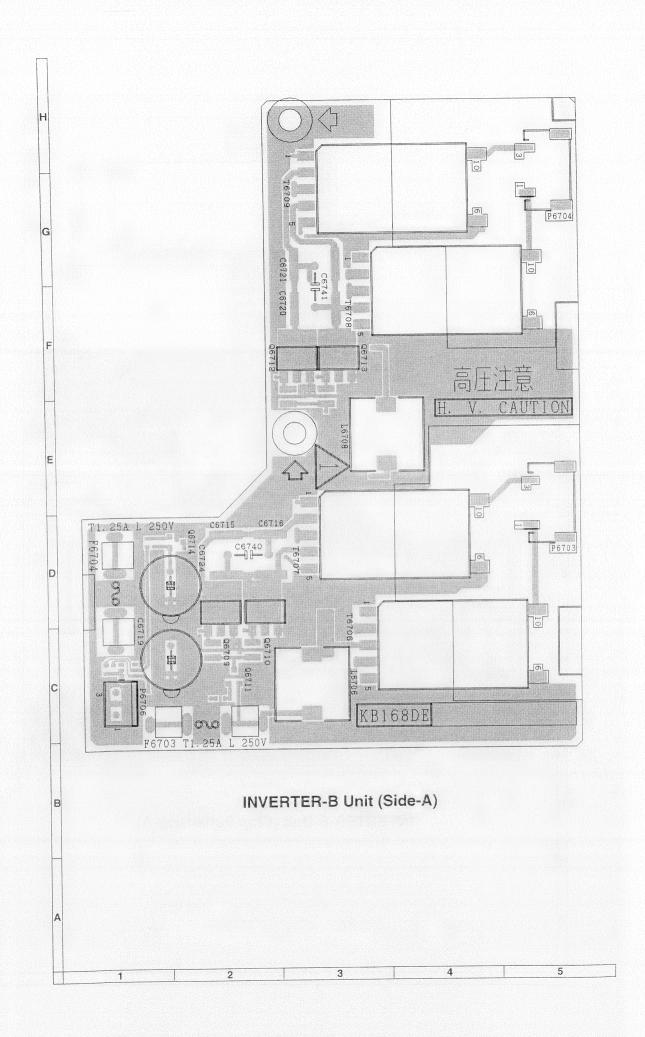


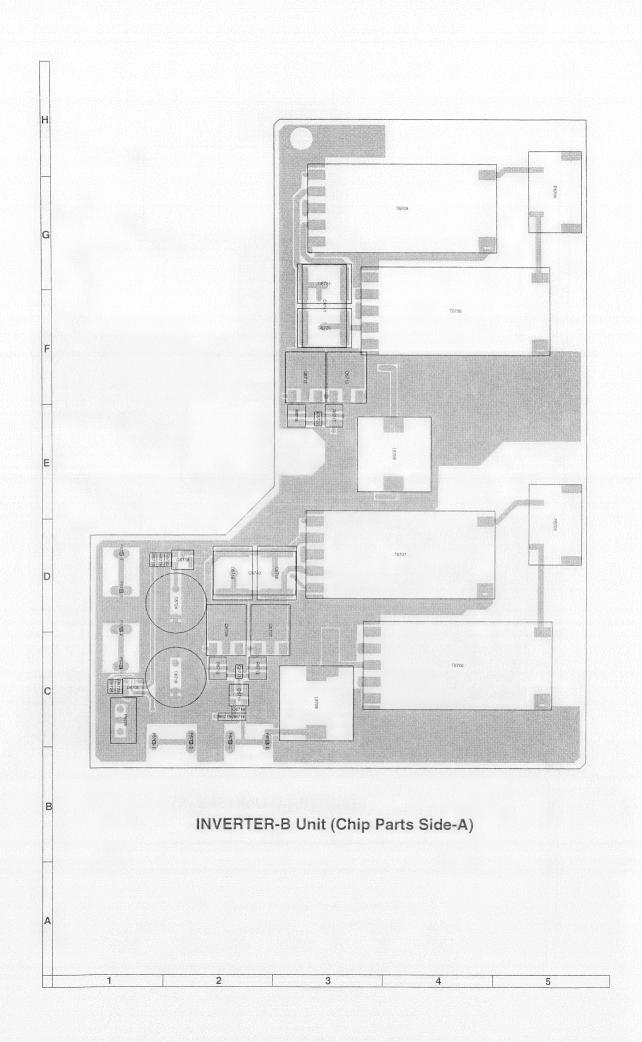


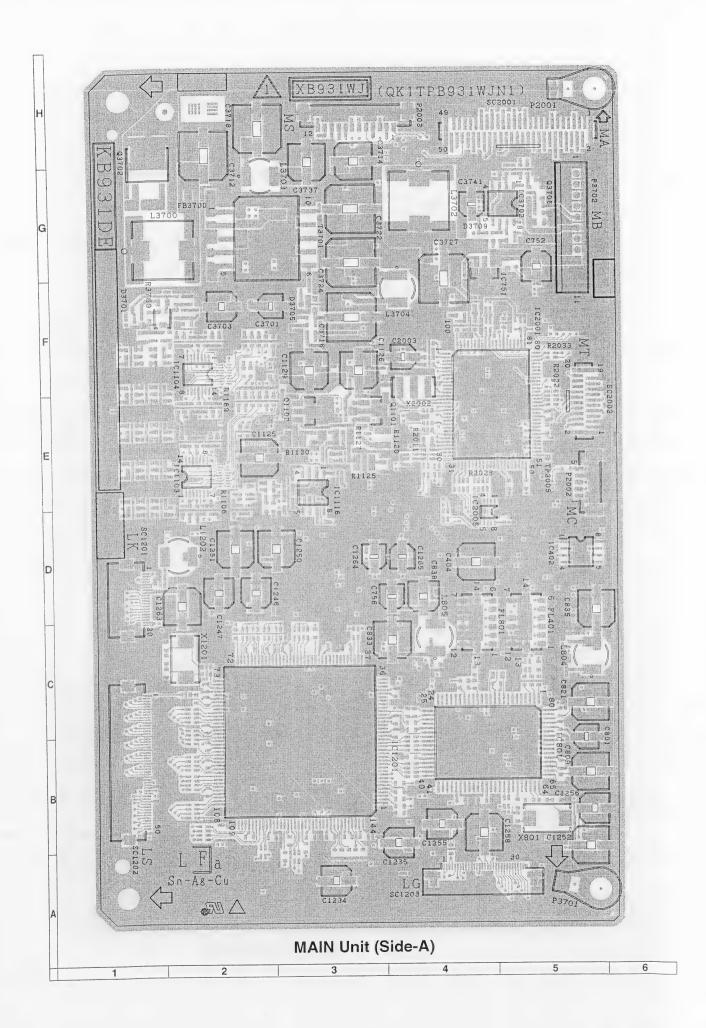


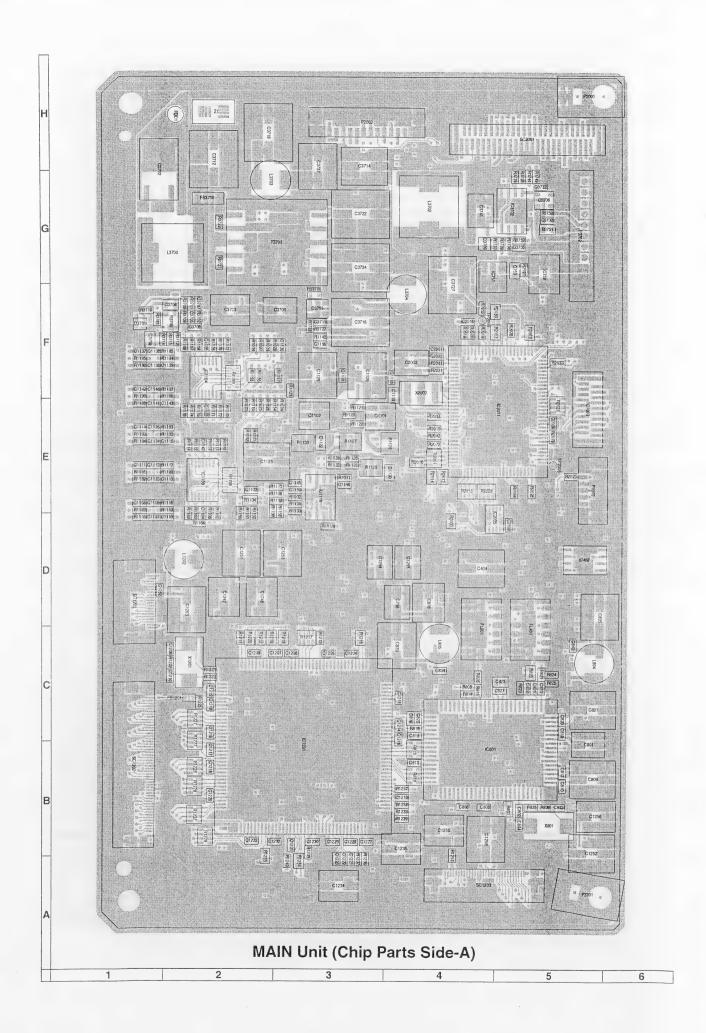


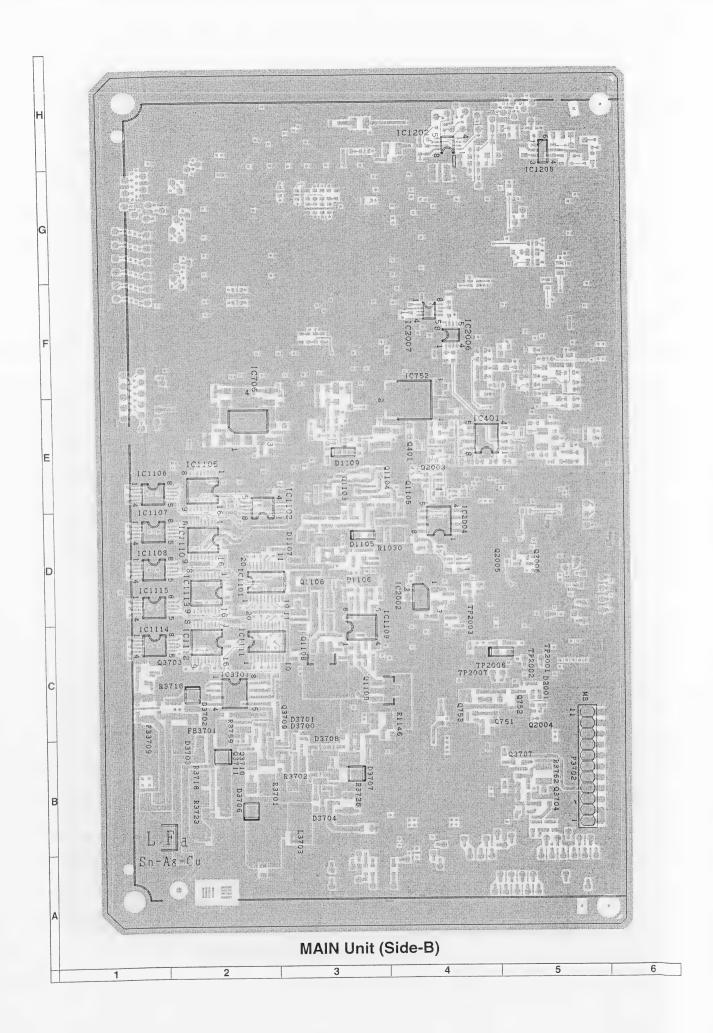


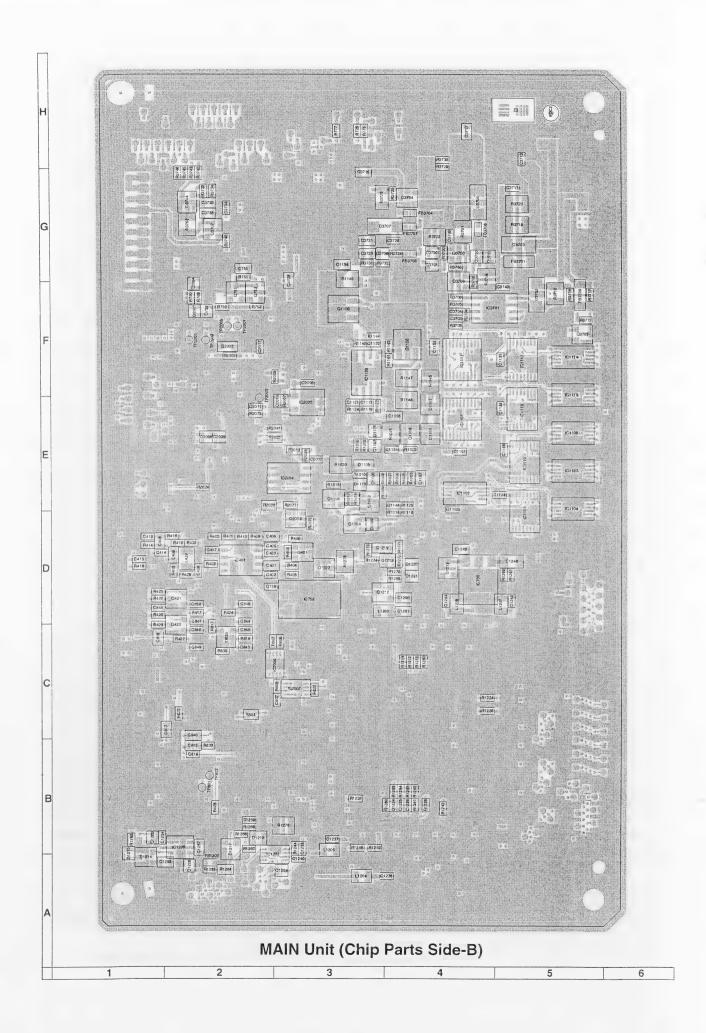


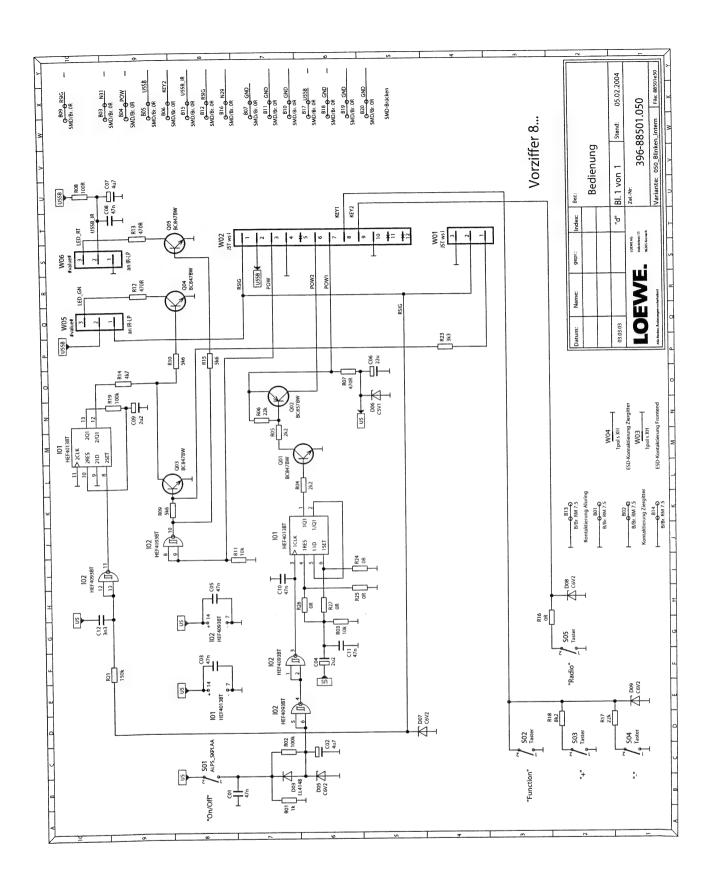


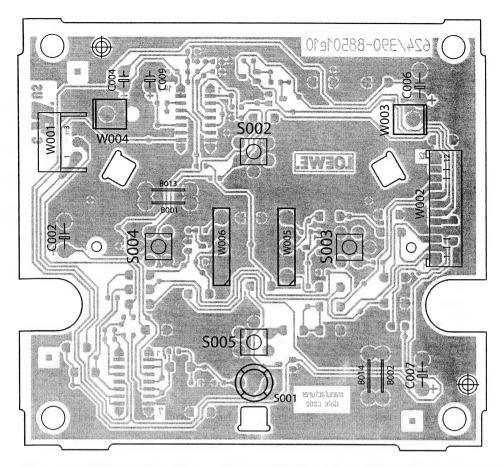




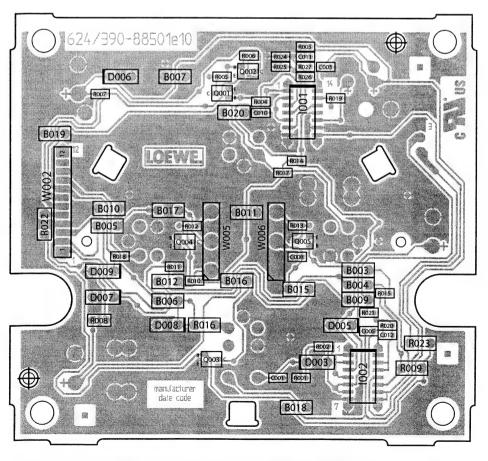




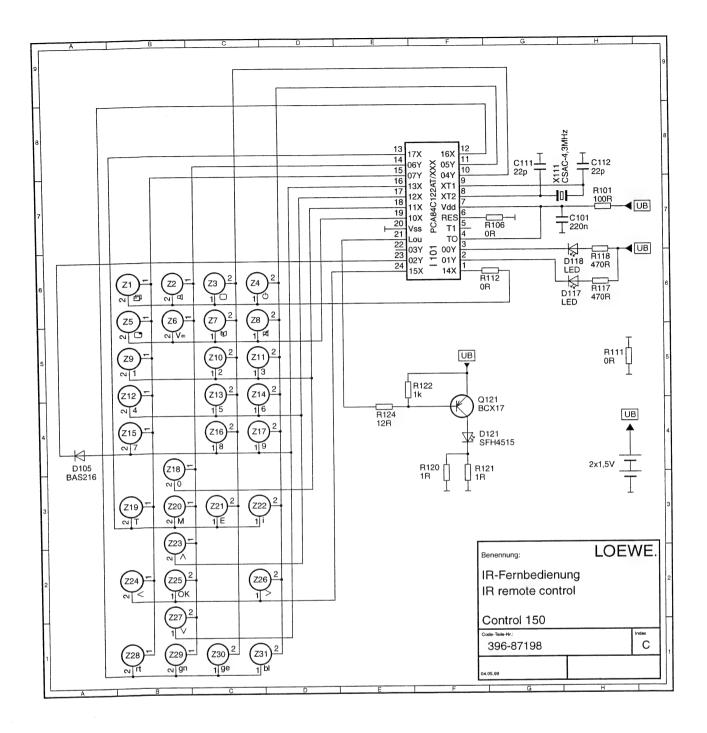




Ltpl. Bedienteil 88501E Bestückungsseite • Control Unit P.C.B 88501E Components side

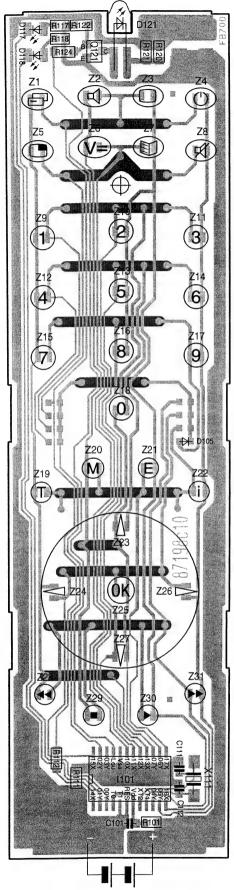


Ltpl. Bedienteil 88501C Lötseite • Control Unit P.C.B 88501C Solder side



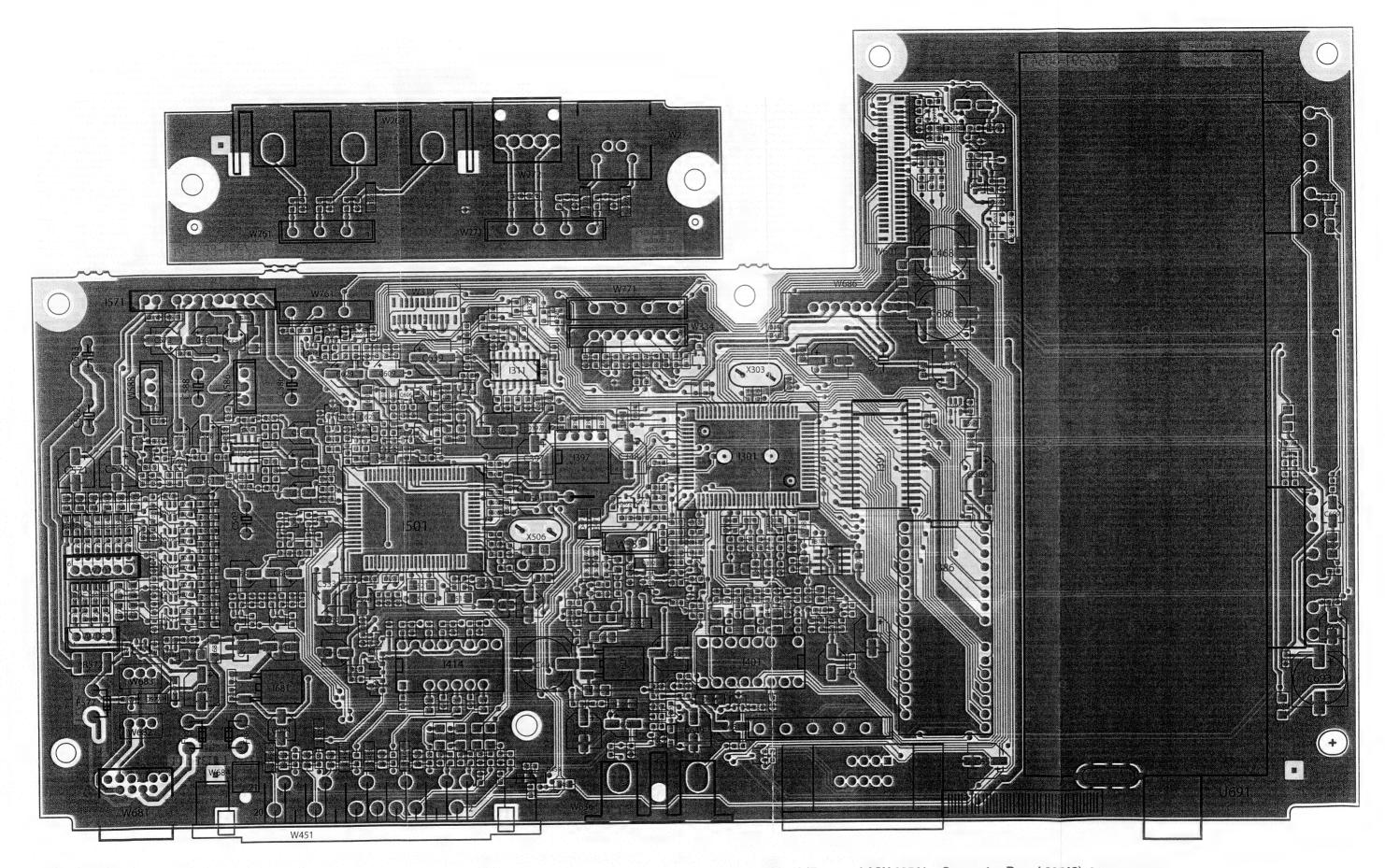


263-87000.060

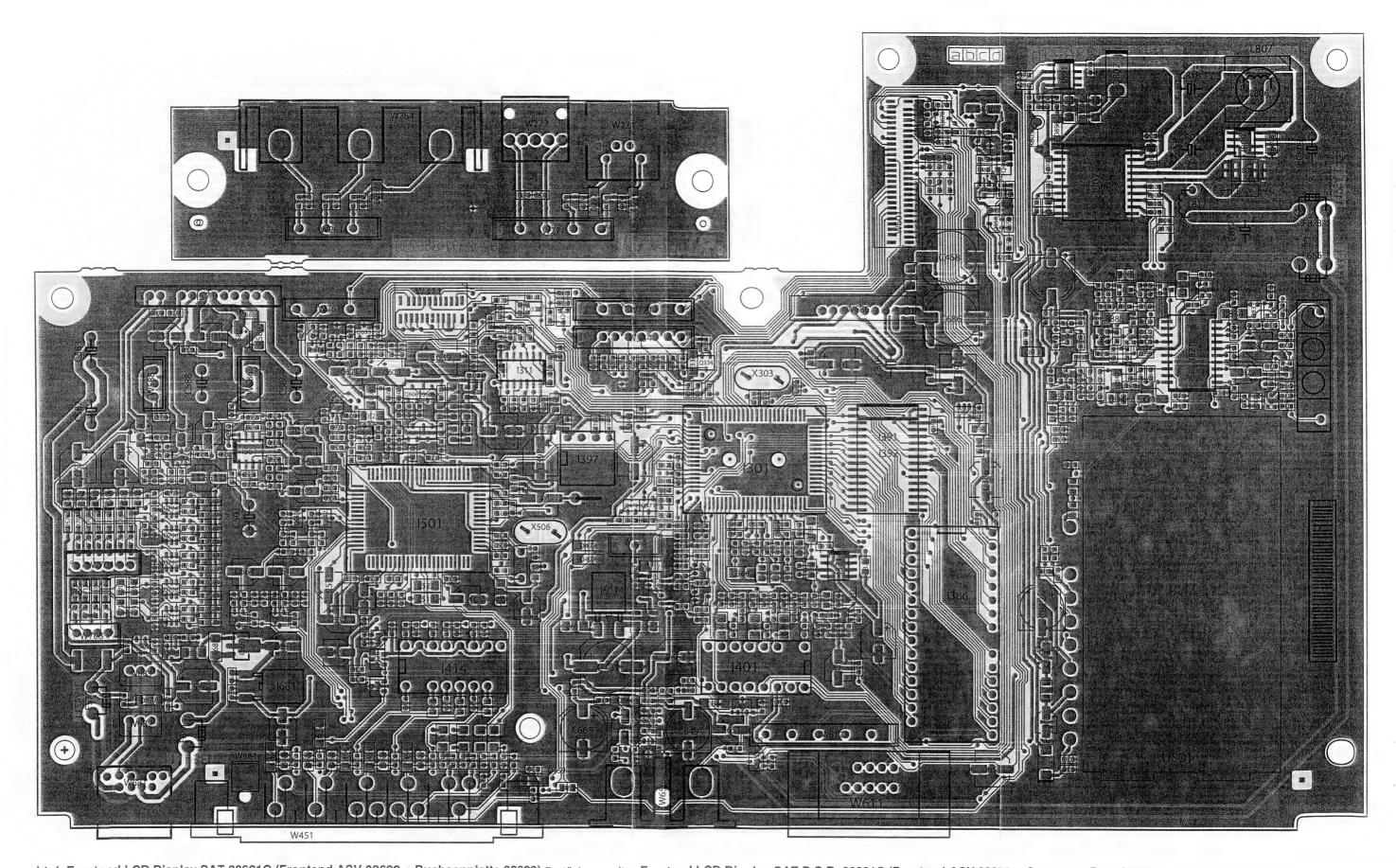


2 x Micro LR 03 Alkali / Mangan

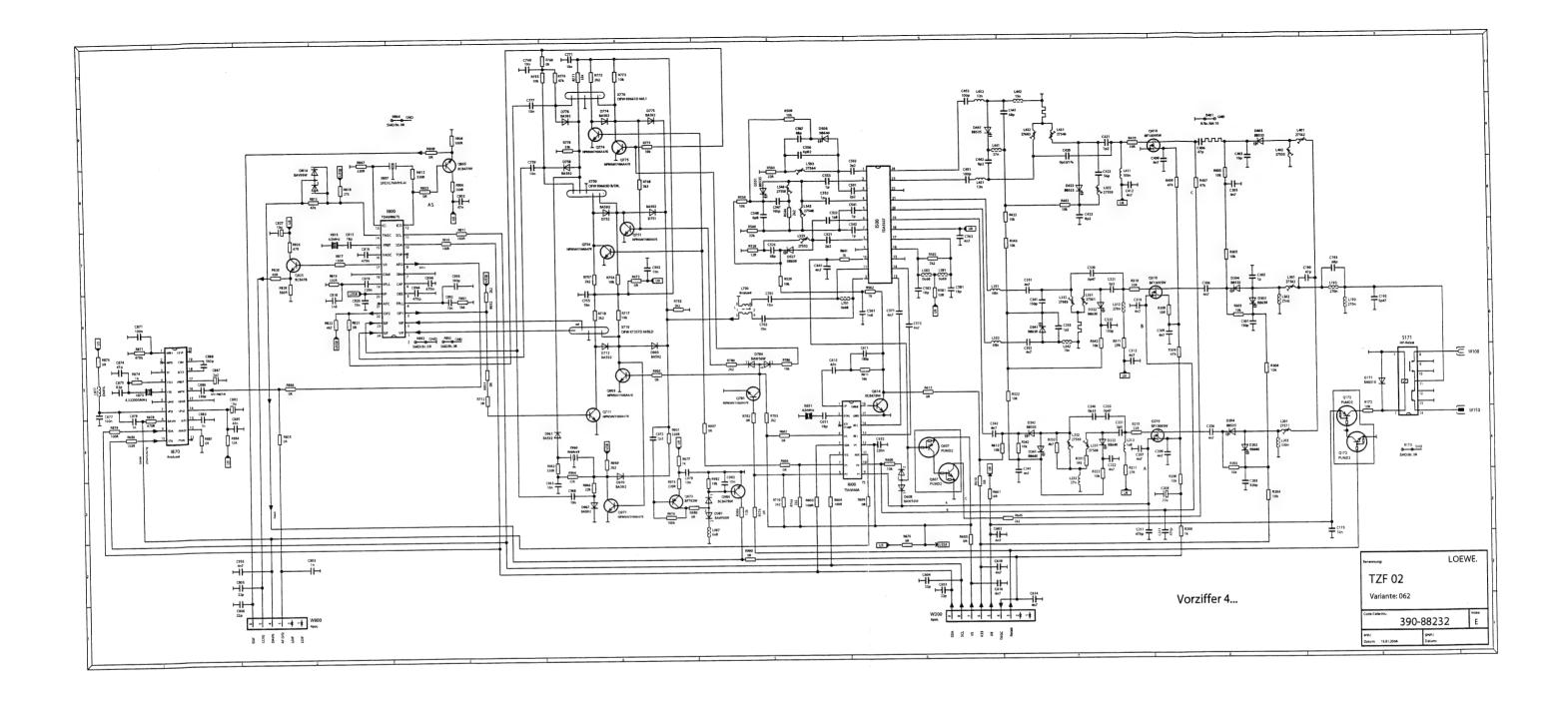
Ltpl. IR-Fernbedienung 396-87198C Infrared remote control PCB Bestückungsseite • Components side

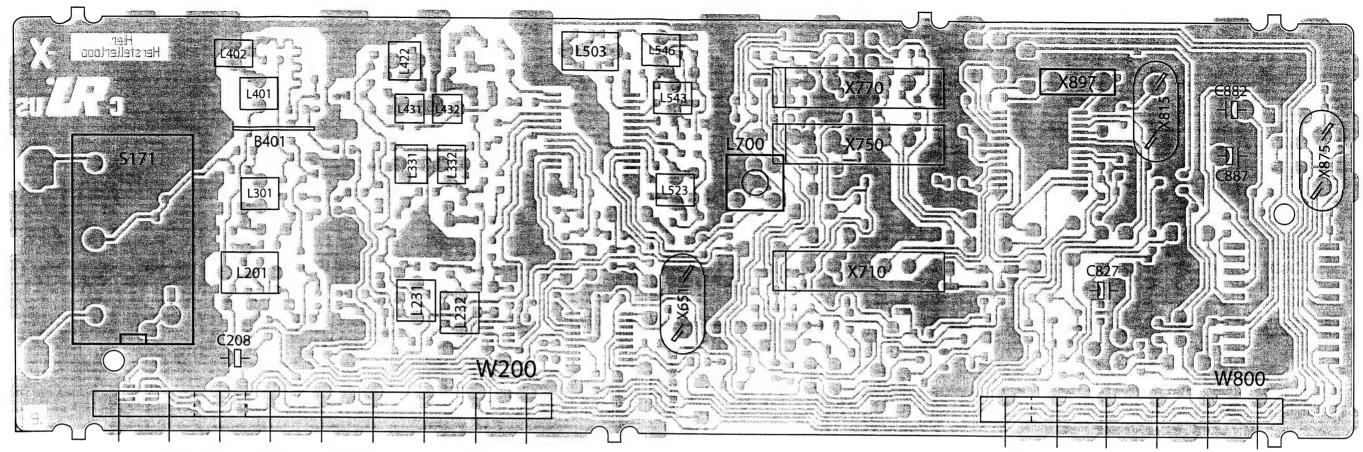


Ltpl. Frontend LCD Display 88492H (Frontend ASV 88541 + Buchenplatte 88542) Bestückungsseite • Frontend LCD ASV P.C.B 88492H (Frontend ASV 88541 + Connector Board 88542) Components side

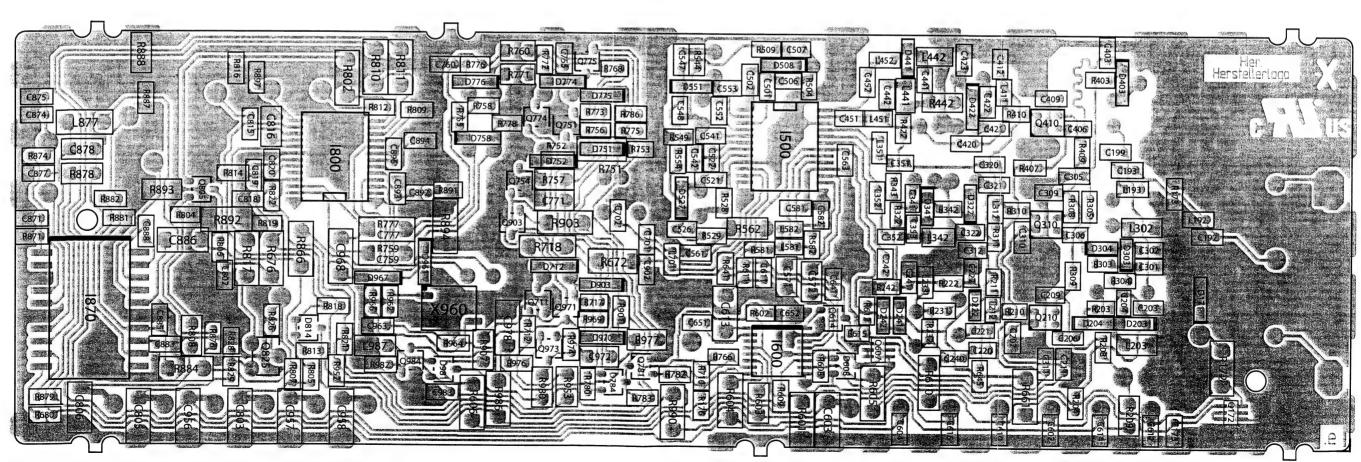


Ltpl. Frontend LCD Display SAT 88621C (Frontend ASV 88622 + Buchsenplatte 88623) Bestückungsseite • Frontend LCD Display SAT P.C.B. 88621C (Frontend ASV 88622 + Connector Board 88623) Components side





Tuner/ZF 88232E (av) Bestückungsseite • Tuner/IF P.C.B 88232E (av) Components side



Tuner/ZF 88232E (av) Lötseite • Tuner/IF P.C.B 88232E (av) Solder side

L 301	1	63402.x23	63402.x60	63406.x23	63406.x60	63401.x23	63401.x60	63448.x23	63448.x60/70	ArtNr. ArtN°.
Baugruppen • Componer		Mimo 15	Mimo 15	Mimo 20	Mimo 20	Spheros 20	Spheros 20	Xelos 20	Xelos 20	Geräte Typ TV set type
	396-88621.051	2	2	2	2	CO	0)	^	^	-
Frontend LCD-Display	396-88622.051	•		1.2						1
Frontend ASV Buchsenplatte • Connector Board	396-88623.051	•				7-6				-
Frontend LCD-Display	396-88621.052			•		•		•		
Frontend ASV	396-88622.052			•		•		•		
Buchsenplatte • Connector Board	396-88623.052			•		•		•		1
Frontend LCD-Display	396-88492.053		•					100		
Frontend ASV	396-88541.053		•			37.9				1
Buchsenplatte • Connector Board	396-88542.053		•							
Frontend LCD-Display	396-88492.054				•		•		•	pen
Frontend ASV	396-88541.054				•		•		•	eräte Baugruppen Set components
Buchsenplatte • Connector Board	396-88542.054				•		•		•	Bau
Tuner-ZF 01 MR	396-88232.062		•		•		•		•	Geräte I Set co
LCD-Display	345-90418.902	•	•							Se S
Main Unit	396-90417.986	•	•							
Inverter Unit	396-90417.987	•	•							
LCD-Display	345-90416.950			•	•	•	•	•	•	
Main Unit	396-90418.901			•	•	•	•	•	•	
Inverter-A Unit	396-90416.902			•	•	•	•	•	•	
Inverter-B Unit	396-90416.903			•	•	•	•	•	•	
IR-Geber • Remote Control "Control 150 TV"	263-87000.060	•	•	•	•	•	•	•	•	
Bedienteilplatte • Control Board	396-88501.050	•	•	•	•	•	•	•	•	

Mimo 15 63402.x23-60

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
	BAUGRUPPEN	UNITS		
U0001	Inverter Unit L3010 15 Zoll	Inverter Unit L3010 15 Zoll		
U0002	Main Unit L3010 15 Zoll	Main Unit L3010 15 Zoll	396-90417.9867	Γ
U0003	LCD-Display 15 Zoll / LC15B4L	LCD-Display 15 Zoll / LC15B4L		
115	Netzteiladapter LCD 15			
120	Frontend LCD Display MIMO 15 kpl			
120	Frontend LCD Display MIMO 15 kpl			
120	Frontend LCD Display MIMO 15 SAT kpl			
120	Frontend LCD Display MIMO 15 SAT kpl	P.C.B	396-88621.051	K23
300	Bedienteil SPHEROS 20 kpl	P.C.B		
	DRUCKSACHEN	OPERATING INSTRUCTIONS		
500	BAN -D-I MIMO 15			A60
500	BAN -D-I MIMO 15			K60
500	BAN -D-I MIMO15/SPHEROS20/XELOS SL20 SAT			K23
502	BAN -NL-F MIMO 15			
502	BAN -NL-F MIMO 15			
502	BAN -NL-F MIMO15/SPHEROS20/XELOS SL20 S			
503	BAN -GB-E MIMO 15			
503	BAN -GB-E: MIMO 15			
503	BAN -GB-E MIMO15/SPHEROS20/XELOS SL20 S	Operating Instructions	233-31715.020	K23
570	Garantie- und Service-Card Version A			
571	LOEWE Marketing-Card	Indicating Sheet	240-31294	
572	Rückumschlag Marketing-Card	Indicating Sheet	240-31298	
	GERÄTEBEIPACK	SET SUPPLEMENT		
499	Adapterstecker für Antennenltg	Plug	321-25019	A60
499	Adapterstecker für Antennenltg			K60
A0640	Mikrozelle 1,5V Alkali-Mangan			
U9111	IR-Fernbedienung CONTROL 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	PACKING MATERIAL		
600	Schachtel MIMO 15			
610	Verpackungsformteil MIMO 15			
630	Schutzstreifen 1200x800mm	-		
J0701	Schutzstreifen 350x190mm (IR-G.)	Protective Packing	253-84666.004	
	KNÖPFE	BUTTONS		
320	Tastenset silber matt MIMO 15	Button	682-88869.016	
	GEHÄUSETEILE	CABINET MOUNTING		
110	Halter Träger/Kippmechanik MIMO 15			
111	Schaumstoffdichtung links MIMO 15			
112	Schaumstoffdichtung rechts MIMO 15	9		
113	Zwischenstück			
113	Zwischenstück			K60
499	Abdeckkappe			A23
499	Abdeckkappe	·		K23
G104	Blende platin MIMO 15			
G104	Blende platin MIMO 15			
G104	Blende cream MIMO 15			
G104	Blende cream MIMO 15			K60
G105	Tischfuß platin MIMO 15			
G110	Rückwand platin MIMO 15			
G112	Abdeckung Rückwand platin MIMO 15		703-88734.009	
	SPULEN/LAUTSPRECHER	COILS,SPEAKERS		
800	Lautsprecher 8 Ohm 3W BB		272-88629	
	SPEZIALTEILE	SPECIAL PARTS		
G0001	Plastic-Rahmen 15 Zoll			
G0002	Lampen-Set kpl. L3010 15 Zoll			
L0001	Ferritkern	Ferrite Core	522-90422.995	

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var Var.
Centri .	BAUGRUPPEN	UNITS	
J0001	Inverter-A Unit	Inverter-A Unit	396-90416.902
10002	Inverter-B Unit	Inverter-B Unit	396-90416903
10002	Main Unit L3010 20 Zoll	Main Unit L3010 20 Zoll	396-90418.901T
	LCD-Display 20 Zoll / A4LC20B2L	LCD-Display 20 Zoll / A4LC20B2L	345-90416.950
10004	Netzteiladapter LCD 20	Power Pack	815-88716.001
115	Frontend LCD Display 20Z SAT kpl.	P.C.B.	
120	Frontend LCD Display 20Z SAT kpl.	PCB	
120	Bedienteil LCD 15/20 kpl	PCB	
300	Frontend LCD Display SPHE/XEL/MIM 20 kpl	PCB	
J120	Frontend LCD Display SPHE/XEL/MIM 20 kpl	P.C.B.	
J120		OPERATING INSTRUCTIONS	
	DRUCKSACHEN BAN -D-I Mimo/Spheros 20/Xelos SL20		233-31669.002 A6
500	BAN -D-I Mimo/Spheros 20/Xelos SL20	Operating Instructions	233-31669 002 K6
500	BAN -D-I Mimo/Spheros 20/Xelos SL20	Operating instructions	233-31715 001 A2
500	BAN -D-I Mimo15/20/Xelos20/Spheros 20 SAT	Operating instructions	223-31715.001 K2
500	BAN -D-I Mimo15/20/Xelos20/Spheros 20 SAT	Operating instructions	222-21660-012- A6
502	BAN -NL-F Mimo/Spheros 20/Xelos SL20	Operating Instructions	233-31669.012 AG
502	BAN -NL-F Mimo/Spheros 20/Xelos SL20	Operating Instructions	
502	BAN -NL-F Mimo15/20/Xelos20/Spheros 20 SA	Operating Instructions	233-31715.011 A2
502	BAN -NL-F Mimo15/20/Xelos20/Spheros 20 SA	Operating Instructions	233-31/15.011 K2
503	BAN -GB-E Mimo/Spheros 20/Xelos SL20	Operating Instructions	233-31669.022 A6
503	BAN -GB-E Mimo/Spheros 20/Xelos SL20	Operating Instructions	233-31669.022 K6
503	BAN -GB-E Mimo15/20/Xelos20/Spheros 20 SA	Operating Instructions	233-31715.021 A2
503	BAN -GB-E Mimo15/20/Xelos20/Spheros 20 SA	Operating Instructions	233-31715.021 K2
505	Hinweisblatt Tischfuß Mimo20 Xelos20	Indicating Sheet	240-31779.003
570	Garantie- und Service-Card Version A	Indicating Sheet	240-31300
571	LOEWE Marketing-Card	Indicating Sheet	240-31294
572	Rückumschlag Marketing-Card	Indicating Sheet	240-31298
312	GERÄTEBEIPACK	SET SUPPLEMENT	
104	Quick-F-Winkeladapter	Angle	592-31324 A2
124	Quick-F-Winkeladapter	Angle	592-31324 K2
124	Adapterstecker für Antennenltg.	Plua	
499	Adapterstecker für Antennenltg.	Plug	
499	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411
A0640	IR-Fembedienung CONTROL 150 TV arktis	Transmitter	263-87000.060
U9111		PACKING MATERIAL	
	VERPACKUNGSMATERIAL		245-89068 002
600	Schachtel Mimo 20	Cushian Sat	252-89067 050
610	Verpackungsformteil Mimo 20	Cusnion-Set	252-84666 001
630	Schutzstreifen 1200x800mm	Protective Packing	253-84666.004
J0701	Schutzstreifen 350x190mm (IR-G.)		253-04000.004
	KNÖPFE	BUTTONS	000 00400 0E4
320	Knopf kpl. Xelos SL 20 / Mimo 20	Button	682-88496.051
	GEHÄUSETEILE	CABINET MOUNTING	
101	Filzstreifen	Felt Strip	414-25204
102	Klebestreifen für Rückwand	Foam Plastics Ledge	411-20926
103	Kabelclip selbstklebend	Cable Binding	530-25566
106	Zylinderschraube M8x10 DIN 7985 vzkt	Screw	432-31882
108	U-Scheibe 8,4x20x1,25 DIN 9022 vzkt	Washer	444-31883
109	O-Ring D14x2,5	Rubber Driving Belt	407-31913
110	Halter Träger/Kippmechanik Mimo 20	Holder	602-88416.121
	Zwischenstück	Clutch Piece	503-81237.102
112	Träger Mimo 20	Supporter	541-89009.101
113	Klemmbuchse für Abdeckung	Clutch Piece	503-81237.002
114	EJOT-PT-Schraube KL40x11,5	Screw	440-29047
116	Abdeckkappe	Can	505-31060 A
499	AbdeckkappeAbdeckkappe	Can	505-31060 K
499	Abdeckkappe	vay	

Mimo 2	20	•	63406.x	(23-6
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
	GEHÄUSETEILE	CABINET MOUNTING		
G104	Blende platin Mimo 20	Cover Plate	706-88981.009	A23
G104	Blende platin Mimo 20	Cover Plate	706-88981.009	A60
G104	Blende cream Mimo 20	Cover Plate	706-88981.030	K23
G104	Blende cream Mimo 20	Cover Plate	706-88981.030	K60
G105	Tischfuß platin Mimo 15/Xelos SL 20	Stand	484-88823.009	
G110	Rückwand platin Mimo 20	Backcover	775-88975.009	
G112	Abdeckung Rückwand platin Spheros/Xelos	Mask	703-88406.009	
	SPULEN/Lautsprecher	COILS,SPEAKERS		
800	Lautsprecher 8 Ohm 10W 135x65		272-89033	
	SPEZIALTEILE	SPECIAL PARTS		
01	Plastic-Rahmen 20 Zoll		549-90418.903	
G0002	Lampen-Set kpl			
L0001	Ferritkern	·		
Spher	ne 20		63401.	v 23_6
•		Deposition		
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
	BAUGRUPPEN	UNITS		
U0001	Inverter-A Unit			
U0002	Inverter-B Unit			
U0003	Main Unit L3010 20 Zoll			
U0004	LCD-Display 20 Zoll / A4LC20B2L	LCD-Display 20 Zoll / A4LC20B2L		
115	Netzteiladapter LCD 20	Power Pack	815-88716.001	
120	Frontend LCD Display SPHEROS 20 kpl	P.C.B		A60
120	Frontend LCD Display SPHEROS/XELOS kpl	P.C.B		M60
120	Frontend LCD Display SPHEROS 20 SAT kpl	P.C.B		A23
120	Frontend LCD Display SPHEROS 20 SAT kpl	P.C.B	396-88621.052	M23
300	Bedienteil SPHEROS 20 kpl	P.C.B	396-88501.050	
	DRUCKSACHEN	OPERATING INSTRUCTIONS		
500	BAN -D-I SPHEROS 20	Operating Instructions	233-30925	A60
500	BAN -D-I SPHEROS 20			M60
500	BAN -D-I SPHEROS 20 SAT	Operating Instructions	233-31094	A23
500	BAN -D-I SPHEROS 20 SAT			M23
502	BAN NL-F SPHEROS 20			A60
502	BAN NL-F SPHEROS 20			
502	BAN -NL-F SPHEROS 20 SAT			
502	BAN -NL-F SPHEROS 20 SAT			
503	BAN GB-E SPHEROS 20			
503	BAN GB-E SPHEROS 20			
503	BAN -GB-E SPHEROS 20 SAT			
503	BAN -GB-E SPHEROS 20 SAT			
504	Folder - MEHR ERLEBEN MIT SYSTEM			14120
505	Hinweisblatt BERICHTIGUNG SPHEROS 20			A23
505	Hinweisblatt SOFTWARE SPHEROS 20			A60
	Hinweisblatt SOFTWARE SPHEROS 20	-		
505	Hinweisblatt SOFTWARE SPHEROS 20			M23
505	Garantie- und Service-Card Version A	•		M60
570		<u> </u>		
571	LOEWE Marketing-Card	-		
572	Rückumschlag Marketing-Card		240-31298	
	GERÄTEBEIPACK	SET SUPPLEMENT		
123	Quick-F-Winkeladapter			A23
123	Quick-F-Winkeladapter			M23
499	Adapterstecker für Antennenlig.			A60
499	Adapterstecker für Antennenltg	riug	321-25019	M60

Spheros 20 63401.x23-60

Sphere	Bestell-Bezeichnung	Description	Bestell-Nr. Var.
Item N°.	Desich Deleteration	List Part N°.	Var.
	GERÄTEBEIPACK	SET SUPPLEMENT	
A0640	Mikrozelle 1 5V Alkali-Mangan	Accumulator	280-13411
U9111	IR-Fernbedienung CONTROL 150 TV arktis	Transmitter	263-87000.060
	VERRACKIINGSMATERIAL	PACKING MATERIAL	
600	Schachtel SPHEROS 20	Packing Case	245-88414.002
610	Verpackungsformteil SPHEROS 20	Cushion-Set	
630	Schutzstreifen 1200x800mm	Protective Packing	253-84666.001
J0701	Schutzstreifen 350x190mm (IR-G.)	Protective Packing	253-84666.004
	KNÖPFE	BUTTONS	
320	Knopf kpl. SPHEROS 20	Button	682-88496.050
	CEHĂIISETEII E	CABINET MOUNTING	
101	Filzstreifen	Felt Strip	414-25204
102	Klebestreifen für Rückwand	Foam Plastics Ledge	411-20926
103	Kabelclip selbstklebend	Cable Binding	530-25566
108	Neoprenstanzteil 15x10x6 selbstklebend	Foam Plastics Ledge	411-22286.002 M23
108	Neoprenstanzteil 15x10x6 selbstklebend	Foam Plastics Ledge	
110	Halter SPHEROS 20 SAT	Holder	602-88416.101
499	Abdeckkappe	Cap	505-31060 A23
499	Abdeckkappe	Cap	505-31060 M23
G105	Tischfuß SPHEROS 20	Stand	
G110	Rückwand platin SPHEROS 20	Backcover	
G110	Rückwand platin SPHEROS 20	Backcover	7/5-88413.009 A60
	GEHÄUSETEILE	CABINET MOUNTING	777 00 440 045 1400
G110	Rückwand basalt-hgl. SPHEROS 20	Backcover	
G110	Rückwand basalt-hgl. SPHEROS 20	Backcover	
G112	Filzstreifen 0,5x5x340mm	Felt Strip	
G112	Abdeckung Rückwand platin SPHEROS 20	Mask	
G112	Abdeckung Rückwand platin SPHEROS 20	Mask	
G112	Abdeckung Rückwand basalt-hgl. SPHEROS20	Mask	703-88406.015 M23
G112	Abdeckung Rückwand basalt-hgl. SPHEROS20	Mask	
G120	Frontscheibe SPHEROS 20	Window	660-88415.001 A23
G120	Frontscheibe SPHEROS 20	Window	
G120	Frontscheibe SPHEROS 20 grau	Window	666 99415 002 M60
G120	Frontscheibe SPHEROS 20 grau	Window	700 00417 100 A22
G350	Ziergitter kpl. platin SPHEROS 20	Speaker Grille	700 00417.109 A20
G350	Ziergitter kpl. platin SPHEROS 20	Speaker Grille	709 99417 115 M23
G350	Ziergitter kpl. basalt-matt SPHEROS 20	Speaker Grille	709 99417 115 M60
G350	Ziergitter kpl. basalt-matt SPHEROS 20		708-86417.115 WIOU
	SPULEN/LAUTSPRECHER	COILS,SPEAKERS	272 84480
800	Lautsprecher 8 Ohm 10W	Loudspeaker	
	SPEZIALTEILE	SPECIAL PARTS	E40 00418 003
G0001	Plastic-Rahmen 20 Zoll	Plastic-Frame 20 Zoll	
G0002	2 Lampen-Set kpl.	Set of Lamps	522 00422 005
L0001	Ferritkern	Ferrite Core	522-90422.995

Xelos 20 63448.x23-70

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
	BAUGRUPPEN	UNITS		
U0001	Inverter-A Unit	Inverter-A Unit	396-90416.902	
J0002	Inverter-B Unit	Inverter-B Unit	396-90416903	
J0003	Main Unit L3010 20 Zoll	Main Unit L3010 20 Zoll	396-90418.901	Т
J0004	LCD-Display 20 Zoll / A4LC20B2L	LCD-Display 20 Zoll / A4LC20B2L	345-90416.950	
115	Netzteiladapter LCD 20	Power Pack	815-88716.001	
120	Frontend LCD Display SPHEROS/XELOS kpl	P.C.B	396-88492.052	A60
120	Frontend LCD Display SPHEROS 20 SAT kpl	P.C.B	396-88621.052	A23
300	Bedienteil LCD 15/20 kpl.	P.C.B	396-88501.050	
J120	Frontend LCD Display SPHE/XEL/MIM 20 kpl			
0.20	DRUCKSACHEN	OPERATING INSTRUCTIONS		, , , ,
500	BAN -D-I SPHEROS 20		233-30925	A60
500	BAN -D-I MIMO 15/SPHEROS 20/XELOS SL20			
500	BAN -D-I MIMO15/SPHEROS20/XELOS SL20 SAT			A23
502	BAN NL-F SPHEROS 20			
502	BAN -NL-F MIMO 15/SPHEROS 20/XELOS SL20			
502	BAN -NL-F MIMO15/SPHEROS20/XELOS SL20 S			
502	BAN GB-E SPHEROS 20			
	BAN -GB-E MIMO 15/SPHEROS 20/XELOS SL20			
503				
503	BAN -GB-E MIMO15/SPHEROS20/XELOS SL20 S	•		
505	Hinweisblatt Tischfuß MIMO 15 / XELOS20	•		
505	Hinweisblatt Tischfuß MIMO 15 / XELOS20			
506	Hinweisblatt SOFTWARE SPHEROS20/XELOS20			A70
570	Garantie- und Service-Card Version A	-		
571	LOEWE Marketing-Card	-		
572	Rückumschlag Marketing-Card	Indicating Sheet	240-31298	
	GERÄTEBEIPACK	SET SUPPLEMENT		
123	Quick-F-Winkeladapter			A23
499	Adapterstecker für Antennenltg			A60
499	Adapterstecker für Antennenltg	Plug	321-25019	A70
A0640	Mikrozelle 1,5V Alkali-Mangan	Accumulator	280-13411	
U9111	IR-Fernbedienung CONTROL 150 TV arktis	Transmitter	263-87000.060	
	VERPACKUNGSMATERIAL	PACKING MATERIAL		
600	Schachtel XELOS SL 20	Packing Case	245-88414.003	
610	Verpackungsformteil XELOS SL 20	Cushion-Set	252-88591.051	
630	Schutzstreifen 1200x800mm	Protective Packing	253-84666.001	
J0701	Schutzstreifen 350x190mm (IR-G.)	Protective Packing	253-84666.004	
	KNÖPFE	BUTTONS		
320	Knopf kpl. SPHEROS 20 / XELOS SL 20	Button	682-88496.050	
	GEHÄUSETEILE	CABINET MOUNTING		
101	Filzstreifen	Felt Strip	414-25204	٠
102	Klebestreifen für Rückwand			
103	Kabelclip selbstklebend	_		
104	Klettband Haken selbstklebend 325mm	_		
110	Halter XELOS SL 20	-		
113	Träger XELOS SL 20			
114	Klemmbuchse für Abdeckung	• • •		
499	Abdeckkappe			A23
	EJOT-PT-Schraube KL40x8	•		A23
801	Frontblende XELOS SL 20			A/U
G104				400
G105	Tischfuß platin MIMO 15/XELOS SL 20			
G105	Tischfuß platin MIMO 15/XELOS SL 20			A60
G110	Rückwand platin SPHEROS 20/XELOS SL 20			
G112	Abdeckung Rückwand platin SPHEROS/XELOS		703-88406.009	
	SPULEN/LAUTSPRECHER	COILS, SPEAKERS		

	63448.x23-7	63448.x23-70		
Description	Bestell-Nr. Var.			
	Description	The state of the s		

Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Var.
	SPEZIALTEILE	SPECIAL PARTS	
G0001	Plastic-Rahmen 20 Zoll	Plastic-Frame 20 Zoll	549-90418.903
G0002	Lampen-Set kpl	Set of Lamps	
1,0001	Ferritkern	Ferrite Core	522-90422.995

Fronte	nd LCD Display		88492.053/05
	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var. Var.
	BAUGRUPPEN	UNITS	
U1002	Tuner-ZF01 MR kpl	P.C.B	
	INTEGR. SCHALTUNGEN	INTEGRATED CIRCUITS	
10	ICMOS M27C4001 FDIP32		
10	LA4635A SIP12H 2-CH-Audio Amp	Integrated Circuit	349-30742
11301	ST92R195 QFP80 28844S	Integrated Circuit	350-28844
11311	ICMOS 74 HCT125 SMD	Integrated Circuit	350-15523
11371	ICMOS 4,50V 20MA SO08 RESET-IC	Integrated Circuit	350-28570
11386	ICMOS M27C4001 L3010T V1.2	Integrated Circuit	
11391	ICMOS W24100# SOP-32 70N SRAM	Integrated Circuit	350-30807
11396	ICMOS 74V1T00S SOT-23-5L NAND	Integrated Circuit	350-28563
11397	ICMOS 24C64 DIP-8 EEPROM 64KB I2C	Integrated Circuit	349-28114
11401	TEA5114A	Integrated Circuit	
11414	TEA5114A	Integrated Circuit	349-15212
	ICMOS MSP3451 QFP80 Audio		
11501	MC33078 SO8		
11561	LA4635A SIP12H 2-CH-Audio Amp	Integrated Circuit	
11571	Volt. Regulator TO252 10V OA5	Integrated Circuit	350-29007
11601	Volt. Regulator TO252 5V OA5	Integrated Circuit	350-29006
11681		SOCKETS	
	BUCHSEN/FASSUNGEN IC-Fassung 32-pol		320-22087
H1386	IC-Fassung 8-pol	Socket	
H1397	Cinchbuchsenleiste 3-fach gelb/weiß/rot	Socket	323-30840
W1264		SOCKETS	
	BUCHSEN/FASSUNGEN Kopfhörerbuchse 3,5mm horiz		323-24591
W1272	Mini-DIN-Buchse 4-pol	Socket	323-18108
W1274	Mini-DIN-Buchse 4-polSCART-Buchse SPHEROS 20	Socket	323-30778
W1451	Cinchbuchsenleiste 2-fach rot/weiß	Socket	323-30835
W1656	Cinchbuchsenleiste 2-fach rot/weil3		323-28032
W1681	Einbaubuchse 10-pol. quadrat		020-20002
	QUARZE/Filter	QUARTZES	385-17297 054
X1303	Quarz 4,000000 MHz HC49U	Crystal Oscillator	205 25502
X1506	Quarz 18,432000 MHz HC49U		305-23302
	SICHERUNGEN	FUSES	000 17100 000
F1577	1250mA T 250V 8x8	Fuse	
F1681	315mA T 250V 8x8	Fuse	
F1686	1600mA T 250V 8x8		
	SMD TEILE	SMD PARTS	
D1267	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	
D1272	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1274	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1332	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758
D1364	0,2A 75V SOD80 LL4148	Diode	351-15015
D1397	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758
D1427	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758
D1451	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1453	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1454	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532

Fronte	end LCD Display		88492.053/054
Pos.Nr. Item N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var. Var.
	SMD TEILE	SMD PARTS	
D1458	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1459	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1471	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758
D1472	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6	Diode	351-16758
D1576	BAS316 SOD323	Diode	351-27952
D1577	DIOZD 6V2 J 0W5 SOD-80 ZMM6.2	Diode	351-17534
D1578	BAS316 SOD323	Diode	351-27952
D1646	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1653	BAS316 SOD323	Diode	351-27952
D1666	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532
D1673	BAS316 SOD323	Diode	351-27952
D1701	BAS316 SOD323	Diode	351-27952 054
D1702	BAS316 SOD323	Diode	351-27952 054
D1703	BAS316 SOD323	Diode	
D1704	BAS316 SOD323	Diode	351-27952 054
D1706	BAS316 SOD323	Diode	
D1707	BAS316 SOD323	Diode	
D1708	BAS316 SOD323	Diode	351-27952
D1709	BAS316 SOD323		
D1711	BAS316 SOD323		
D1712	BAS316 SOD323		
D1741	BAS316 SOD323		
D1742	BAS316 SOD323		
D1743	BAS316 SOD323		
D1744	BAS316 SOD323		
D1746	BAS316 SOD323		
D1747	BAS316 SOD323		
D1748	BAS316 SOD323		
D1749	BAS316 SOD323		
D1751	BAS316 SOD323		
D1752	BAS316 SOD323		
Q1323	DIGITAL SOT323 NPN 50V 70mA 47K+		
Q1326	DIGITAL SOT323 NPN 50V 70mA 47K+		
Q1332	BC847BW SOT323		
Q1354	BC847BW SOT323		
Q1362	BC847BW SOT323		
Q1364	BC847BW SOT323		
Q1423	BC847BW SOT323		
Q1426	BF 840 SMD		
Q1427	BF550 SOT23		
Q1427 Q1432	BC847BW SOT323		
Q1462	BC857BW SOT323		
Q1462 Q1463	BC847B SOT23		
	BC857B SOT23		
Q1466	BC847BW SOT323		
Q1471			
Q1472	BC847BW SOT323 +		
Q1531			
Q1566	BC847BW SOT323		
Q1567	BC847BW SOT323		
Q1576	BC847BW SOT323		
Q1602	BC857BW SOT323		
Q1606	BC847BW SOT323		
Q1609	BC857BW SOT323		
Q1613	BC847BW SOT323		
Q1614	BC857BW SOT323	Transistor	344-28404

88492.053/054

Fronten	d L	CD	Dist	olav
I I OHICO	~			

-1 Ollic	110 LCD Dispidy			
os.Nr. tem N°.	Bestell-Bezeichnung	Description List Part N°.	Bestell-Nr. Var.	Var.
	SMD TEILE	SMD PARTS		
21622	BC857BW SOT323	Transistor	344-28404	
1626	BC847BW SOT323	Transistor	344-27272	
1629	BC857BW SOT323	Transistor	344-28404	
21633	BC847BW SOT323	Transistor	344-27272	
21639	BC847B SOT23	Transistor	344-14974	
21642	BC857BW SOT323	Transistor	344-28404	
21646	BC847BW SOT323	Transistor	344-27272	
1652	BC847BW SOT323	Transistor	344-27272	
21653	BC857BW SOT323	Transistor	344-28404	054
21662	BC857BW SOT323	Transistor	344-28404	
21666	BC847BW SOT323	Transistor	344-27272	
21672	BC847BW SOT323	Transistor	344-27272	
21678	BC847BW SOT323	Transistor	344-27272	
21681	BCX69-25	Transistor	344-24714	
Q1686	BC847BW SOT323			
Q1702	UPA606T SC-59 2-N-CH MOSFET	Transistor	344-29939	054
Q1704	UPA606T SC-59 2-N-CH MOSFET	Transistor	344-29939	054
Q1706	UPA606T SC-59 2-N-CH MOSFET	Transistor	344-29939	054
Q1708	UPA606T SC-59 2-N-CH MOSFET			
Q1711	UPA606T SC-59 2-N-CH MOSFET			

Frontend ASV Spheros 20 SAT

Art.-Nr. 88621.051/052

Frontend ASV Spheros 20 SAT			AIL-141. 00021.031/03	
Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. Var. List Part N°. Var.	
	BAUGRUPPEN	UNITS		
U1801	SAT-Tuner SF1238/SH	Tuner	260-31033	
	INTEGR. SCHALTUNGEN	INTEGRATED CIRCUITS		
10	LA4635A SIP12H 2-CH-AUDIO AMP			
11301	ST92R195 QFP80 28844S			
11311	ICMOS 74 HCT125 SMD			
11371	ICMOS 4,50V 20mA SO08 RESET-IC	Integrated Circuit	350-28570	
11386	ICMOS M27C4001 FDIP32			
11391	ICMOS W24100# SOP-32 70N SRAM	Integrated Circuit	350-30807	
11396	ICMOS 74V1T00S SOT-23-5L NAND	Integrated Circuit	350-28563	
11397	ICMOS 24C64 DIP-8 EEPROM 64KB I2C	Integrated Circuit	349-28114	
11401	TEA5114A			
11414	TEA5114A			
11501	ICMOS MSP3451 QFP80 AUDIO			
11561	MC33078 SO8			
11571	LA4635A SIP12H 2-CH-AUDIO AMP			
11601	Volt. Regulator TO252 10V OA5			
11681	Volt. Regulator TO252 5V OA5	Integrated Circuit	350-29006	
11807	IC-VR LNBP21PD PSO-20			
11821	TDA6151 SO20			
11891	LM 2903D SO08			
11031	BUCHSEN/FASSUNGEN	SOCKETS		
H1386	IC-Fassung 32-pol.	Socket	320-22087	
H1397	IC-Fassung 8-pol.	Socket	320-80503	
W1264	Cinchbuchsenleiste 3-fach gelb/weiß/rot	Socket	323-30840	
W1272	Kopfhörerbuchse 3,5mm horiz.	Socket	323-24591	
W1272	Mini-DIN-Buchse 4-pol.	Socket	323-18108	
W1274	SCART-Buchse SPHEROS 20	Socket	323-30778	
W1451	Cinchbuchsenleiste 2-fach rot/weiß	Socket	323-30835	
W1681	Einbaubuchse 10-pol. quadrat.	Socket	323-28932	

Fronte	nd ASV Spheros 20 SAT		ArtNr. 88621.05	ArtNr. 88621.051/052	
Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. List Part N°.	Var. Var.	
	QUARZE/FILTER	QUARTZES			
10	Quarz 4,000000 MHz HC49U				
X1303	Quarz 4,000000 MHz HC49U	Crystal Oscillator			
X1506	Quarz 18,432000 MHz HC49U	Crystal Oscillator	385-25502		
	SICHERUNGEN	FUSES			
F1577	1250mA T 250V 8x8	Fuse			
F1681	315MA T 250V 8x8	Fuse			
F1686	1600mA T 250V 8x8	Fuse			
F1873	1250mA T 250V 8x8				
	WIDERSTÄNDE	RESISTORS			
10	0R1 K 0W25 0207 WIDSI		366-10905		
R1805	1R J 0207				
R1806	0R1 K 0207 WIDSI				
H1000	SMD TEILE		366-10903, 109		
D4007		SMD PARTS	051 17500		
D1267	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1272	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1274	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1332	DIOZD 5V6 J 0W5 SOD-80 ZMM5.6				
D1364	BAS316 SOD323				
D1397	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6	Diode	351-22580		
D1427	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6	Diode	351-22580		
D1451	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532		
D1453	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532		
D1454	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532		
D1458	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1459	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1471	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6				
D1472	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6				
D1576	BAS316 SOD323				
	DIOZD 6V2 J 0W5 SOD-80 ZMM6.2				
D1577	BAS316 SOD323				
D1578					
D1646	DIOZD 12V0 J 0W5 SOD-80 ZMM12				
D1653	BAS316 SOD323				
D1666	DIOZD 12V0 J 0W5 SOD-80 ZMM12	Diode	351-17532		
D1673	BAS316 SOD323	Dìode	351-27952		
D1701	BAS316 SOD323	Diode	351-27952	052	
D1702	BAS316 SOD323	Diode	351-27952	052	
D1703	BAS316 SOD323	Diode	351-27952	052	
D1704	BAS316 SOD323	Diode	351-27952	052	
D1706	BAS316 SOD323	Diode	351-27952	052	
D1707	BAS316 SOD323	Diode	351-27952	052	
D1708	BAS316 SOD323				
D1709	BAS316 SOD323				
D1703	BAS316 SOD323				
	BAS316 SOD323				
D1712					
D1741	BAS316 SOD323			052	
D1742	BAS316 SOD323			052	
D1743	BAS316 SOD323			052	
D1744	BAS316 SOD323			052	
D1746	BAS316 SOD323			052	
D1747	BAS316 SOD323	Diode	351-27952	052	
D1748	BAS316 SOD323	Diode	351-27952		
D1749	BAS316 SOD323	Diode	351-27952		
D1751	BAS316 SOD323	Diode	351-27952		
D1752	BAS316 SOD323	·			
D1801	TMMBAT43 MINIMELF Schottky				
D1802	3,0A 40V SOD6 Schottky				
J.002	-,,				

Frontend ASV Spheros 20 SAT

Fronte	Frontend ASV Spheros 20 SAT				
Pos.Nr. ItemN°.	Bestell-Bezeichnung	Description	Bestell-Nr. Var. List Part N°. Var.		
	SMD TEILE	SMD PARTS			
D1803	1,0A 600V				
D1896	DIOZD 5V6 G 0W5 SOD-80 ZMM5.6				
11809	STS4DNFS30L SO8 MOSFET				
Q1323	BC847BW SOT323				
Q1326	BC847BW SOT323				
Q1332	BC847BW SOT323				
Q1354	BC847BW SOT323				
Q1362	BC847BW SOT323				
Q1364	BC847BW SOT323				
Q1426	BF 840 SMD				
Q1427	BF550 SOT23				
Q1432	BC847BW SOT323				
Q1462	BC857BW SOT323				
Q1463	BC847B SOT23				
Q1466	BC857B SOT23				
Q1471	BC847BW SOT323				
Q1472	BC847BW SOT323	Transistor	344-27272		
Q1566	BC847BW SOT323	Transistor			
Q1567	BC847BW SOT323				
Q1576	BC847BW SOT323	Transistor	344-27272		
Q1602	BC857BW SOT323	Transistor	344-28404		
Q1606	BC847BW SOT323	Transistor	344-27272		
Q1609	BC857BW SOT323	Transistor	344-28404		
Q1613	BC847BW SOT323	Transistor	344-27272		
Q1614	BC857BW SOT323				
Q1622	BC857BW SOT323	Transistor	344-28404		
Q1626	BC847BW SOT323	Transistor	344-27272		
Q1629	BC857BW SOT323	Transistor	344-28404		
Q1633	BC847BW SOT323	Transistor	344-27272		
Q1639	BC847B SOT23	Transistor	344-14974		
Q1642	BC857BW SOT323	Transistor	344-28404		
Q1646	BC847BW SOT323	Transistor	344-27272		
Q1652	BC847BW SOT323	Transistor	344-27272		
Q1653	BC857BW SOT323	Transistor	344-28404		
Q1662	BC857BW SOT323	Transistor	344-28404		
Q1666	BC847BW SOT323	Transistor	344-27272		
Q1672	BC847BW SOT323	Transistor	344-27272		
Q1678	BC847BW SOT323	Transistor	344-27272		
Q1681	BCX69-25	Transistor	344-24714		
Q1686	BC847BW SOT323	Transistor	344-27272		
Q1702	UPA606T SC-59 2-N-CH MOSFET	Transistor			
Q1704	UPA606T SC-59 2-N-CH MOSFET	Transistor			
Q1706	UPA606T SC-59 2-N-CH MOSFET	Transistor			
Q1708	UPA606T SC-59 2-N-CH MOSFET	Transistor	344-29939		
Q1711	UPA606T SC-59 2-N-CH MOSFET				
Q1822	BC847BW SOT323	Transistor	344-27272		
Q1827	BC847BW SOT323				
Q1831	BC857BW SOT323				
Q1833	BC847BW SOT323				
Q1837	BC857BW SOT323				
Q1846	BC857BW SOT323				
Q1852	BC847B SOT23				
Q1873	BC857B SOT23				
Q1873	BC847BW SOT323				
Q1882					
Q1888	BC847BW SOT323				
4,000					

IR-Fernbedienung • IR remote control Art.-Nr. 87000.060 Bestell-Bezeichnung Description Bestell-Nr. Pos.Nr. List Part N°. Item N°. Var. SPARE PARTS FOR TRANSMITTER GEBER-ERSATZTEILE 20 20 25 Kontaktmatte Control 150 Spring Contact 309-87267001 30 060 70 80 90 060 D105 D117 060 D118 060 060 D121 060 1101 060 Q121 060 X111

Loewe-Vertragswerkstätten • Loewe establishments

Berlin VHF Steglitzer Damm 39 12169 Berlin Tel. 0 30 / 21 33 006 Fax 0 30 / 21 33 007 loewe.vertragskundendienst.berlin@arcor.de

Niedersachsen Hütsche & Stelter GbR Kastanienallee 2 21337 Lüneburg Tel. 041 31 / 85 58 83 Fax 041 31 / 85 58 84 videlse@compuserve.de

Hamburg Michael Hinz Audio-Video-TV-Service Antonie-Möbis-Weg 5 22523 Hamburg Tel. 0 40 / 57 08 030 Fax 0 40 / 57 08 017 Hinz@Hinz-GmbH.de

Niedersachsen Wolfgang Schütte GmbH TV-HiFi-Meisterwerkstatt Bernhardstr. 36 26122 Oldenburg Tel. 04 41 / 50 20 35 Fax 04 41 / 50 84 87 Service-Center@t-online.de

Niedersachsen DW-Service GmbH Haltenhoffstraße 52-54 30167 Hannover Tel. 05 11 / 714 073 Fax 05 11 / 700 09 97 Doering@DW-Service.com

Nordrhein-Westfalen TSW-Techn. Service Wenzel Klingenbergerstraße 38-40 32756 Detmold Tel. 052 31 / 39 513 Fax 052 31 / 39 613 mail@TSW-online.de

Nordrhein-Westfalen Jürgen Wolber Electronic - Service Weißenburgerstraße 52 40476 Düsseldorf Tel. 02 11 / 443 456 Fax 02 11 / 464 433 Wolber@arcormail.de

Nordrhein-Westfalen HVS Lösbar GmbH Hauert 16 44227 **Dortmund** Tel. 02 31 / 97 53 333 Fax 02 31 / 97 53 33 50 info@Loesbar.de

Nordrhein-Westfalen SSC Kirchhoff GmbH Am Förderturm 9 44575 Castrop-Rauxel Tel. 023 05 / 97 740 Fax 023 05 / 97 74 99 info@SSC-kirchhoff.de

Nordrhein-Westfalen Elektronik-Service Wenzel Mielenforsterstraße 2 51069 Köln Tel. 02 21 / 68 01 585 Fax 02 21 / 68 01 588 ESW-Elektronik@t-online.de

Rheinland-Pfalz Hans Krempl / Haustechnik GmbH August-Horch-Straße 14 56070 Koblenz Tel. 02 61 / 89 09-0 Fax 02 61 / 83 074 Rainer.Hartenfels@Krempl.de Rheinland-Pfalz L. Weisenstein GmbH Ludwig Strauss Straße 1 67098 Bad Dürkheim Tel. 063 22 / 95 080 Fax 063 22 / 95 08 19 HaraldMeyerService@t-online.de

Hessen Fernseh-Kessler Veckerhagener Straße 58 34233 Fuldatal Tel. 05 61 / 81 30 03 Fax 05 61 / 81 91 85 info@Fernseh-Kessler.de

Hessen Schwalbe GmbH Max-Planck-Str. 20 63303 Dreieich Tel.(0 61 03) 39 99 80 Tel.(0 61 03) 39 99 79 Schwalbe-@t-online.de

Hessen VAD Video- und Audio-Dienst Ostring 7 65205 **Wiesbaden-Nordenstadt** Tel. 061 22 / 90 91 80 Fax 061 22 / 90 91 50 Loewe@Hemmerling-Service.de

Baden-Württemberg AV-Technik Wagner Zerweck GmbH Hofener Straße 140a 70374 Stuttgart Tel. 071 11 / 78 00 423 Fax 071 11 / 78 00 426 07117800423-0001@t-online.de

Baden-Württemberg Pavlek Service-Center Rilkestraße 5 71229 Leonberg Tel. 071 52 / 90 51 16+17 Fax 071 52 / 90 51 18 Loewe@Pavlek.de

Baden-Württemberg Autronic Electronic-Service GmbH Greschbachstraße 29 76229 Karlsruhe Tel. 07 21 / 62 99 132 Fax 07 21 / 62 99 195 emanuel.werner@autronic-service.de

Bayern
Jürgen Drössler Fernseh-Video-Service
Lerchenstraße 8
80995 München
Tel. 0 89 / 35 71 68 31
Fax 0 89 / 35 71 68 38
JuergenDroessler@freenet.de

Bayern Norbert Nickl Kupernikusstr. 21/23 90459 **Nürnberg** Tel. 09 11 / 44 66 460 Fax 09 11 / 44 66 414

Mecklenburg-Vorpommern
TV-Hifi-Video-SAT-Elektronik
Inh. Wolfgang Schubert
Lange Reihe 38b
17121 Loitz
Tel. 03 99 98 / 10 577
Fax 03 99 98 / 10 566
TV_Schubert@t-online.de

Mecklenburg-Vorpommern Wilhelm Meissner GmbH Dorfstraße 1 18107 Lichtenhagen-Dorf Tel. 03 81 / 76 000 62 Fax 03 81 / 76 000 63 Service@EP-Meissner.com Mecklenburg-Vorpommern Service-Center Baumeister Neue Reihe 14 18190 Sanitz Tel. 03 82 09 / 81 950 Fax 03 82 09 / 81 951 SCB@SCBaumeister.de

Mecklenburg-Vorpommern Elektro Blitz Gmbh & Co.KG Lessingstraße 31 19059 Schwerin Tel. 03 85 / 75 82 08-0 Fax 03 85 / 75 82 08 50 Service@EP-Elektro-Blitz.de

Brandenburg Wolfgang Ihlefeldt Berliner Str. 8 14532 Güterfelde Tel. 033 29 / 62 192 Fax 033 29 / 62 296 Wihlefeldt@t-online.de

Sachsen-Anhalt Schwanbeck & Gall GmbH Weißenfelser Straße 1 06712 Zeitz Tel. 034 41 / 86 210 Fax 034 41 / 86 211 Schwanbeck-Gall@t-online.de

Sachsen-Anhait Service-Partner Völkel Carnotstraße 27 39120 **Magdeburg** Tel. 03 91 / 62 87 777 Fax 03 91 / 62 87 779 SPVoelkel@debitel.net

Sachsen SMV Elektronik Service GmbH Hofmühlenstraße 25 01239 **Dresden** Tel. 03 51 / 28 16 016 Fax 03 51 / 28 16 017 SMV-dd@t-online.de

Sachsen
Ing. Günter Schröter
Zielona-Gora-Str. 21
03050 Cottbus
Tel. 03 55 / 52 30 28
Fax 03 55 / 54 22 06
GS.Elektronik-Service@t-online.de

Sacnsen
HVS Lösbar GmbH
Landsberger Straße 23
04157 Leipzig
Tel. 03 41 / 91 26 070
Fax 03 41 / 91 26 071
Leipzig@loesbar.de

Sachsen
Semmler GmbH
Schulstraße 36
09337 Hohenstein-Ernstthal
Tel. 037 23 / 65 200
Fax 037 23 / 65 20 28
Semmler-multimedia@t-online.de

Thüringen Gärtner-Elektronik-GmbH & Co.KG Saalbahnhofstraße 21 07743 Jena Tel. 036 41 / 40 840 Fax 036 41 / 40 84 29 0364140840@t-online.de

Thüringen Audio-Video-Elektrik-Service GmbH Lange Brücke 35 99084 Erfurt Tel. 03 61 / 56 26 285 Fax 03 61 / 64 30 871 au-vi-el-erfurt@t-online.de

Loewe-Service und Logistik

LOEWE OPTA GmbH Service + Logistik Zentrale Kronach 96305 Kronach • Postfach 1554 96317 Kronach • Industriestraße 11

Die wichtigsten Rufnummern der Zentrale Kronach: The most important phone numbers of the Kronach headquarters FAX Telefon: (0180) 522 1800 (0180) 522 1806 Ersatzteilbestellungen: Status von Reparaturen: (0180) 522 1805 (0 92 61) 99 412 Support Farbfernsehen: (0180) 522 1801 (0 92 61) 99 730 Support Video/Camcorder (01 80) 522 1802 (0 92 61) 99 730 Support Telefone/Telekom. (0180) 522 1803 (0 92 61) 99 730 (0 92 61) 99 730 (0180) 522 1804 Support HiFi: Support Home MultiMedia (0180) 522 1807 (0 92 61) 99 730

Hinweis! Ersatzteilbestellung nur über Service + Logistik / Zentrale 96317 Kronach Note! Spare parts orders only through Service + Logistics / Headquarters in Kronach

Loewe Service Übersee • Overseas

Australien International Dynamics Australasia PTY LTD 129 Palmer Street

AUS - Richmond 3121, Victoria
Tel. 00 61 / 3 - 94 29 08 22
Fax 00 61 / 3 - 94 29 08 33
aencel@internationaldynamics.com.au
ekyriakides@internationaldynamics.com.au
mthorntonsmith@internationaldynamics.com.au

Französisch Polynesien

Sonexport P.O. Box 2334 Avenue Prince Hinoi 98713 Papeete - Tahiti French Polynesia Tel. 00 689 / 50 66 50 Fax 00 689 / 50 66 55 sonex@mail.pf mynam.tracqui@mai.pf

Hong Kong Audio Supplies Company 5/F., St George's Building 2 Ice House Street Cental, Hong Kong Tel. 00 852 / 25 24 - 93 77 Fax 00 852 / 28 10 - 04 06 akung@audiosupplies.com.hk

Indien BPL Limited 17th KM, Old Madras Road Avalahalli IND - Bangalore 560 049 Tel. 00 91 / 80 84 72 966 Fax 00 91 / 80 84 72 242 alok.sen@hotmail.com

Israel RIF LTD 29, Izhak Sade Street IRS - Tel Aviv 67213 Tel. 00 972 / 3 62 40 555 Fax 00 972 / 3 62 40 303 loewe@bezegint.net Kanada

Evolution Audio Video Inc. 250 The Espla nade Suite 302 Toronto, Ontario M5A 1J2 Tel. 00 1 / 416-603-9090 Fax 00 1 / 416-603-9083 rbdobson@sympatico.ca

Korea CIS Corporation 3rd Fl. Jijin Bldg. 80-3 Cheongdam-Dong Kangnam-Ku, 135-100 Seoul, Korea Tel. 02 3446 35 11 Fax 02 3446 35 15 hjkim@csico.co.kr

Kuwait Naser Mohd. Al-Sayer Electronics Co W.L.L. P.O. Box 522 KTW - Safat 13006 Tel. 00 9 65 / 4 73 73 99 Fax 00 9 65 / 4 72 08 62

Libanon
Obergi Audiovise S.A.L.
Dora high-way, sea side Obegi Bldg.
B.P. 11-2652
RL - Beyrouth
Tel. 00 9 61 / 1 90 07 71
Fax 00 9 61 / 1 90 07 74
obegi.audiovise@tmi.com.lb

Saudi Arabien Salem Agenscies & Services Co. P.O. Box 9720 SA - Jeddah 21413 Tel. 00 9 66 / 2 - 6 65 46 16 Fax 00 9 66 / 2 6 60 78 64 Singapur Atlas Hi-Fi PTE LTD # 03-19/21 Plaza Singapura 68 Orchard Road Singapore 238839 Tel. (65) 339 0966 Fax (65) 336 4678 miketien@atlas-hifi.com

Südafrika
The Soundlab (PTY) LTD
P.O. Box 757
Parklands 2121
Republik of South Africa
Tei. 0027 / 11 - 447 65 75
Fax 0027 / 11 - 447 66 62
loewe@mad.co.za

Vereinigte Staaten Loewe Opta, Inc. 10 Cordage Park Circle Suite No. 213 Plymouth, Mass. 02360 Tel. 001-508 / 830 0025 Fax 001-508 / 830 9414 ksullivan@loeweus.com pfredrickson@loeweus.com thoefer@loeweus.com jbrosnan@loeweus.com www.loewe.us.com

Zypern
L & M Eu Eurappliances LTD
Kennedy Avenue 1 A & B
P. O. Box 23426
CY - Nicosia
Tel. 00 3 57 / 22 - 42 05 10
Fax 00 3 57 / 22 - 42 87 70
eurappliances@spidernet.com.cy
liveras@spidernet.com.cy

